

FIG. 1

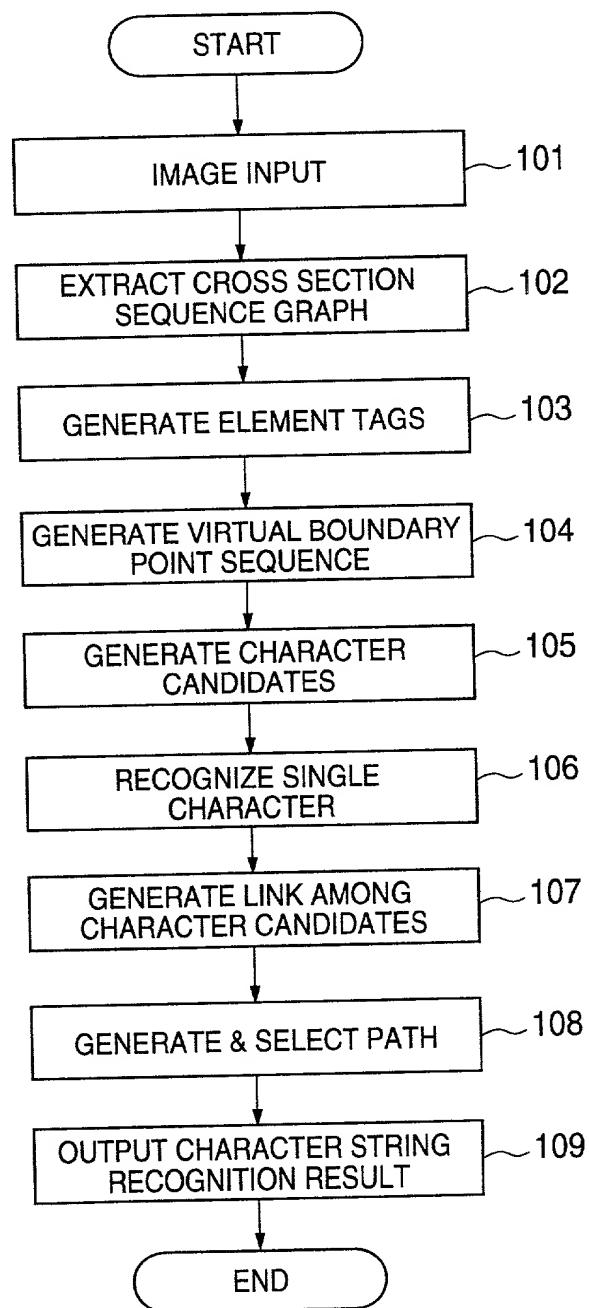


FIG. 2

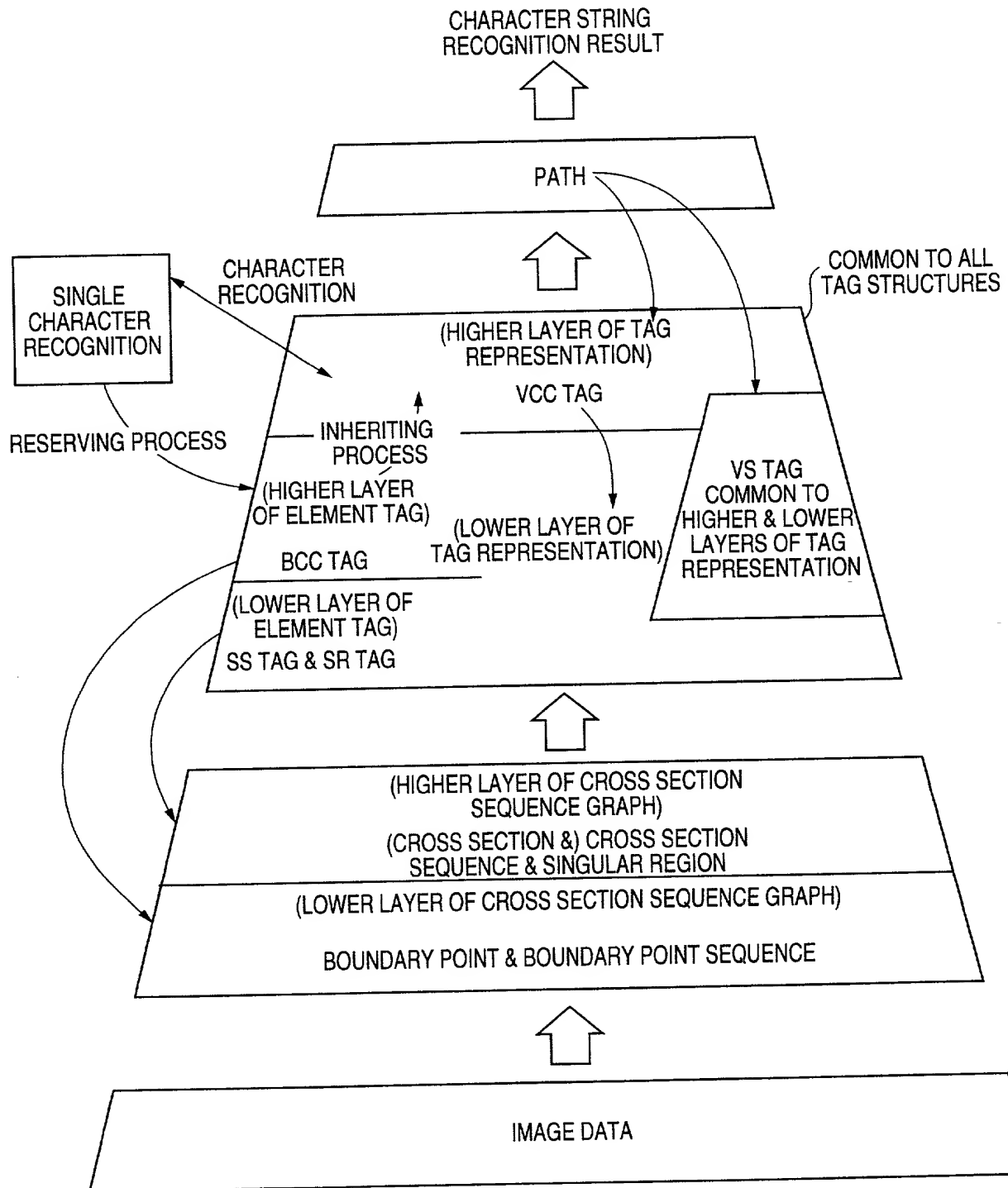


FIG. 3

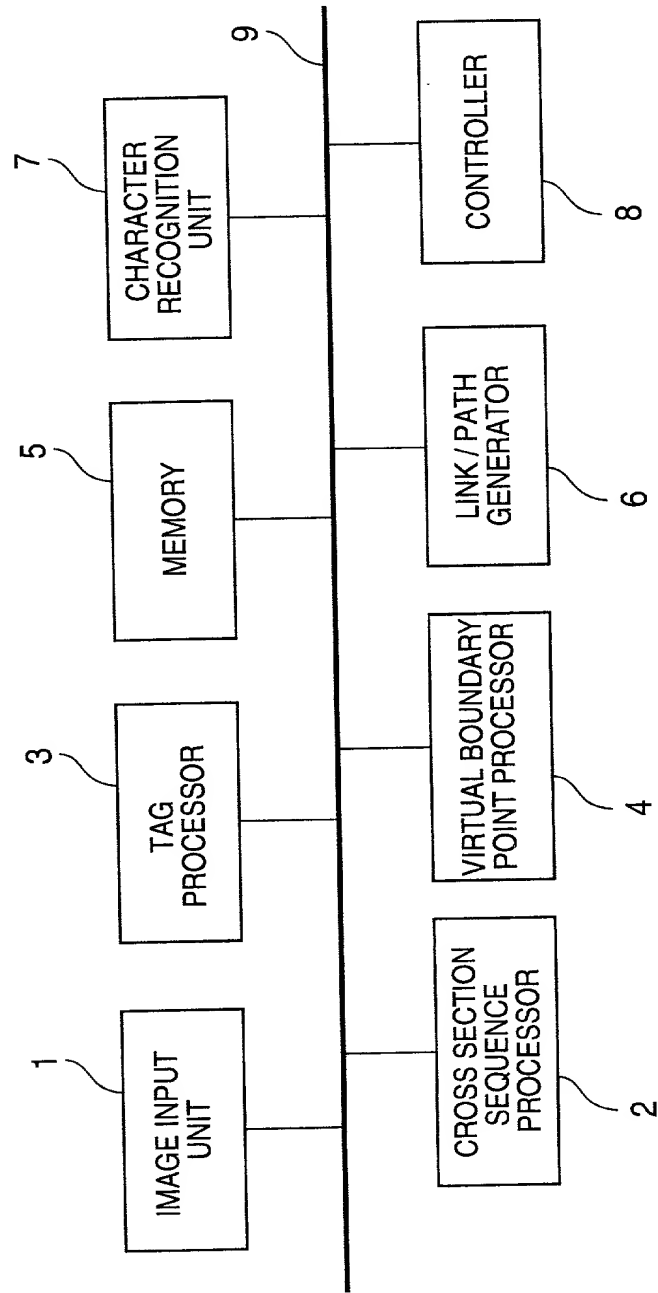


FIG. 4

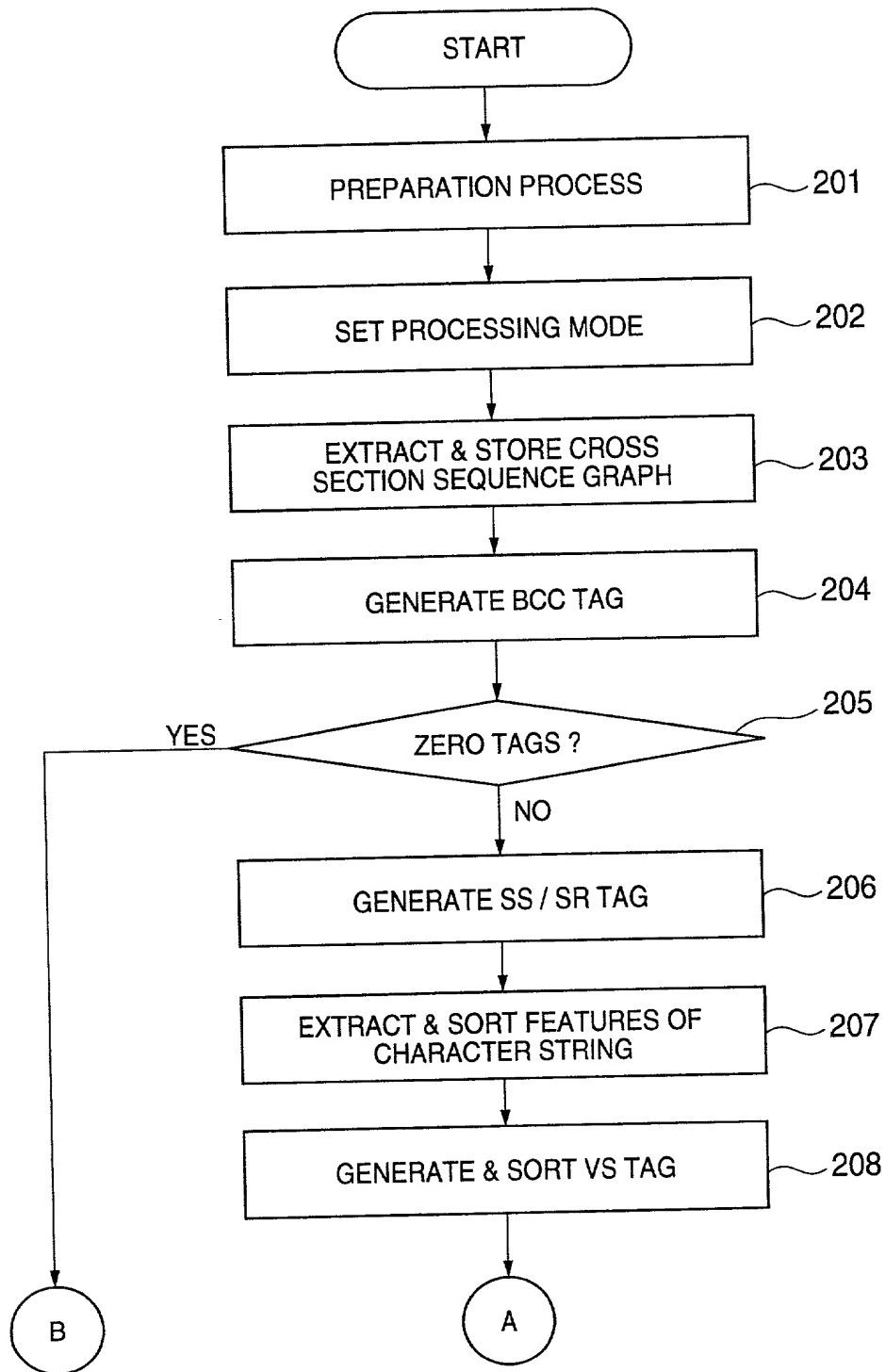


FIG. 5

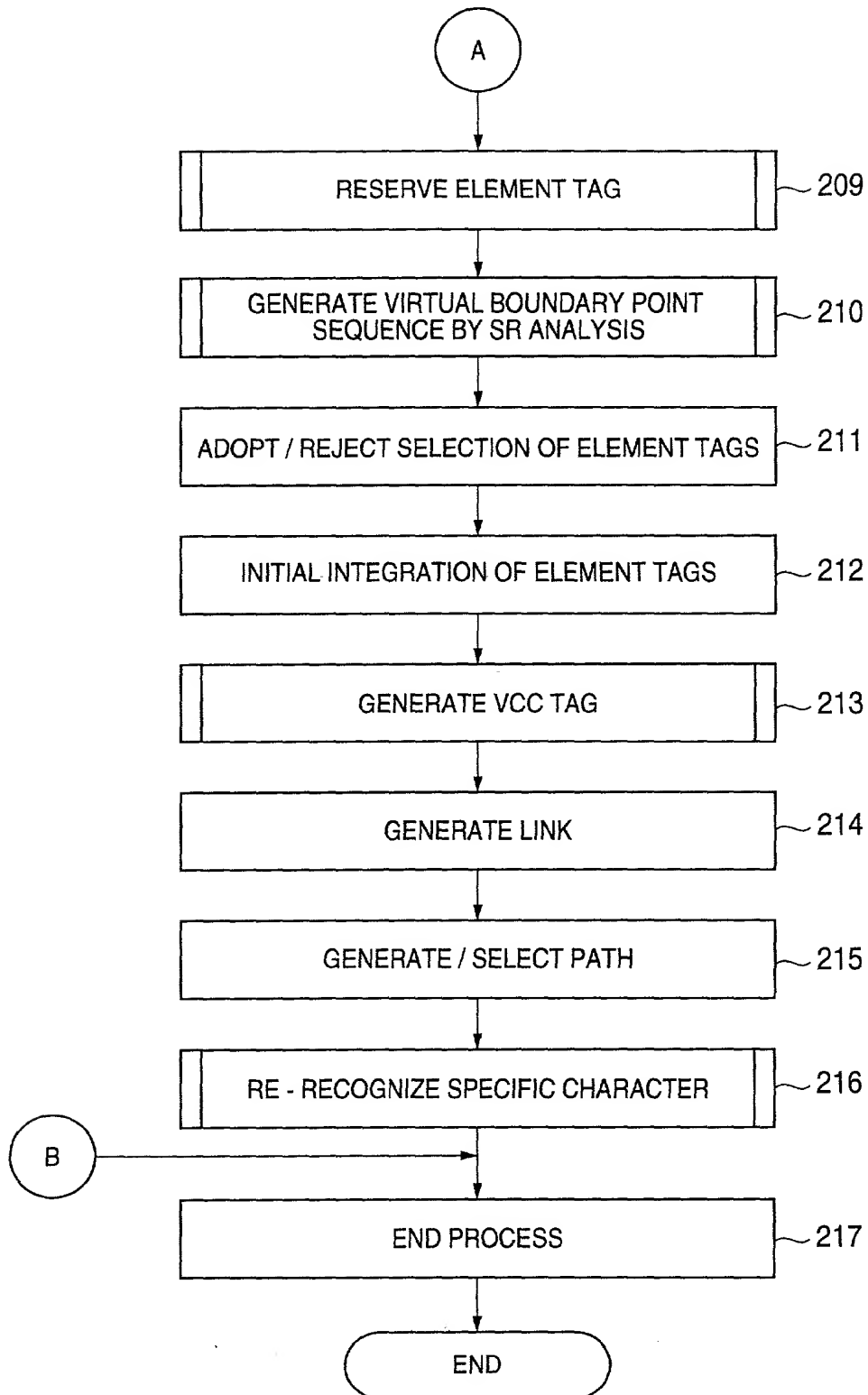


FIG. 6

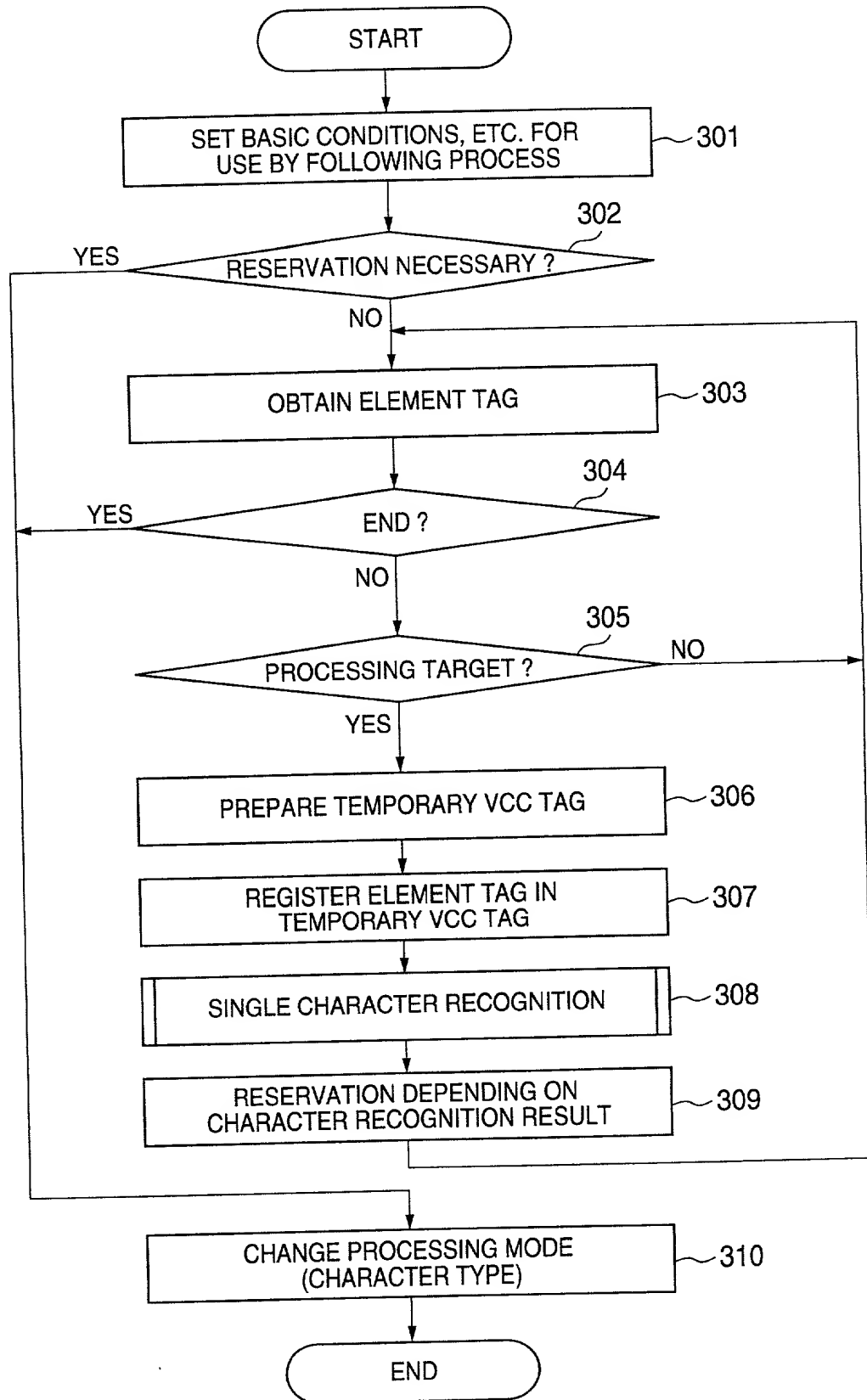


FIG. 7

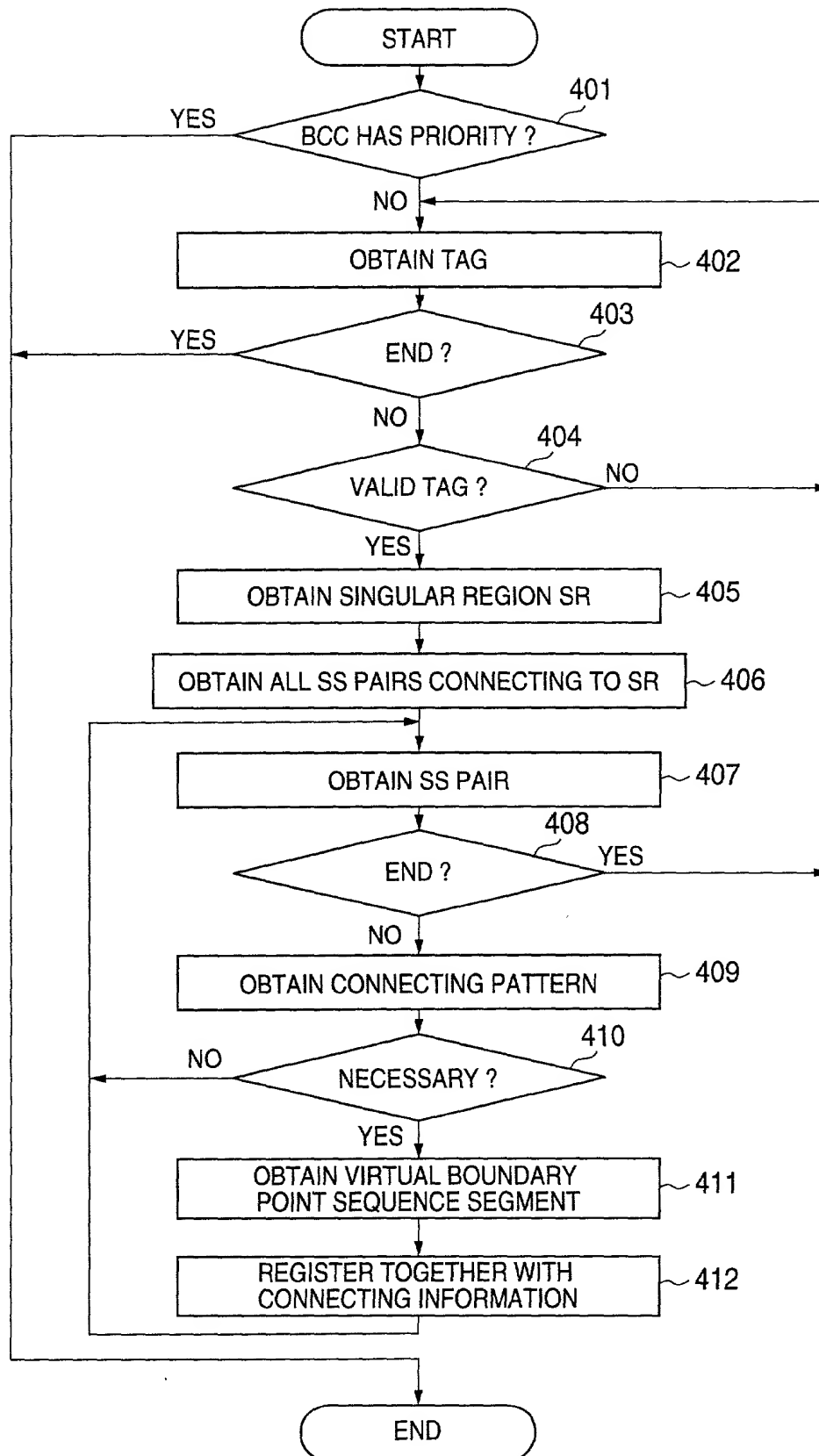


FIG. 8

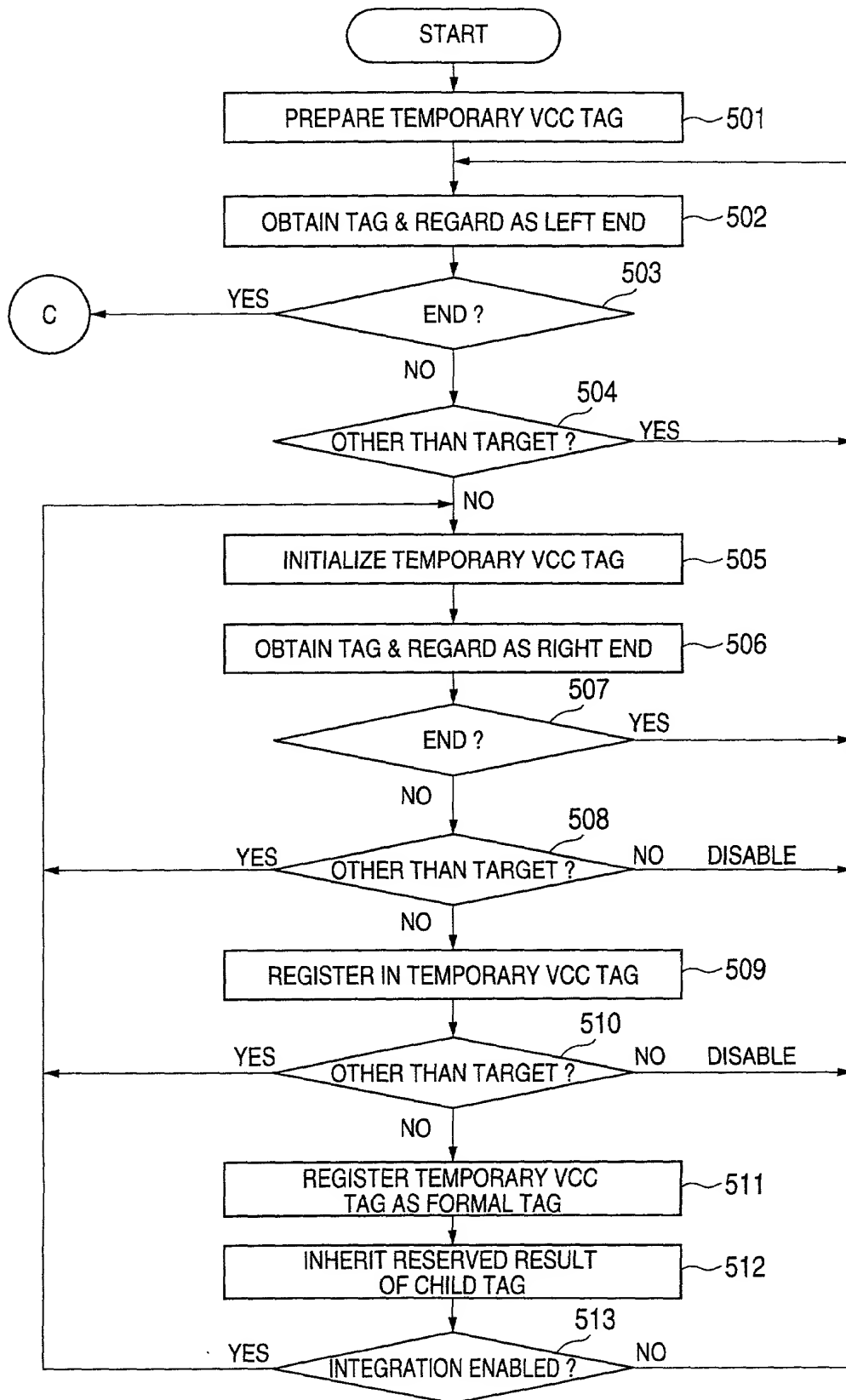


FIG. 9

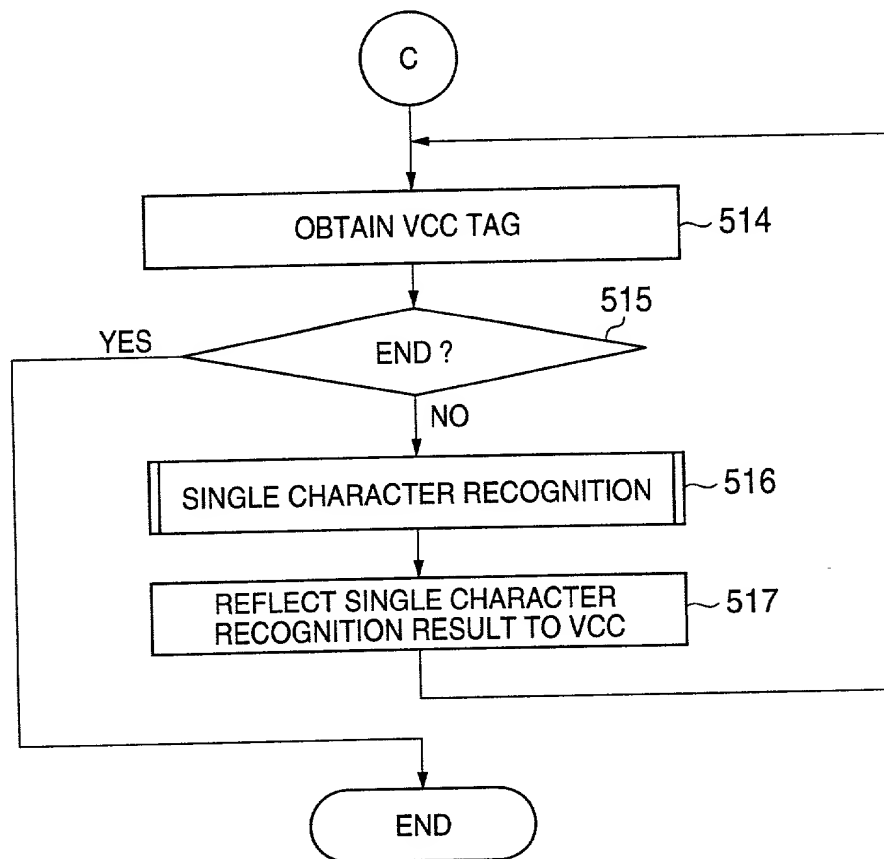


FIG. 10

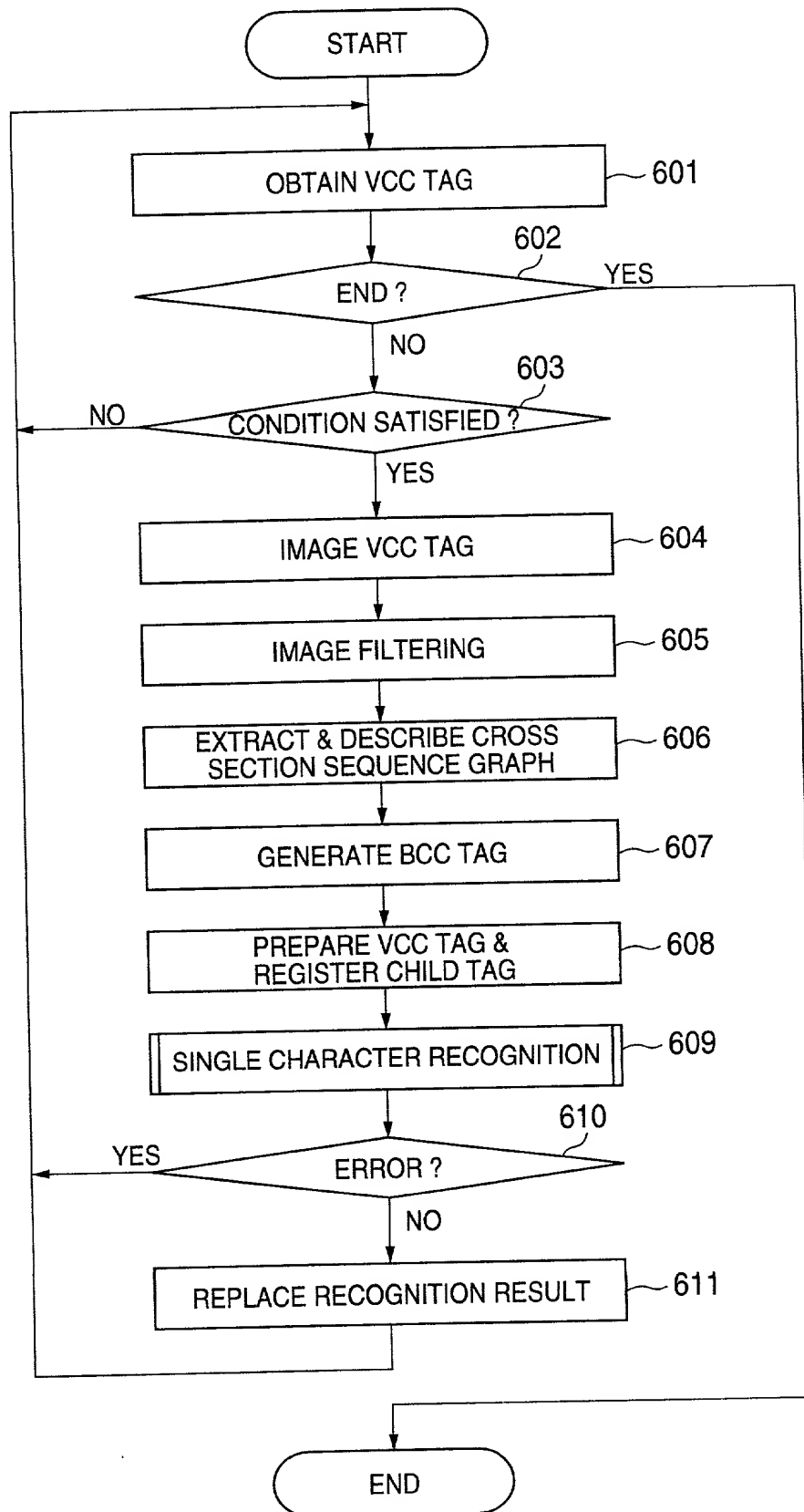


FIG. 11

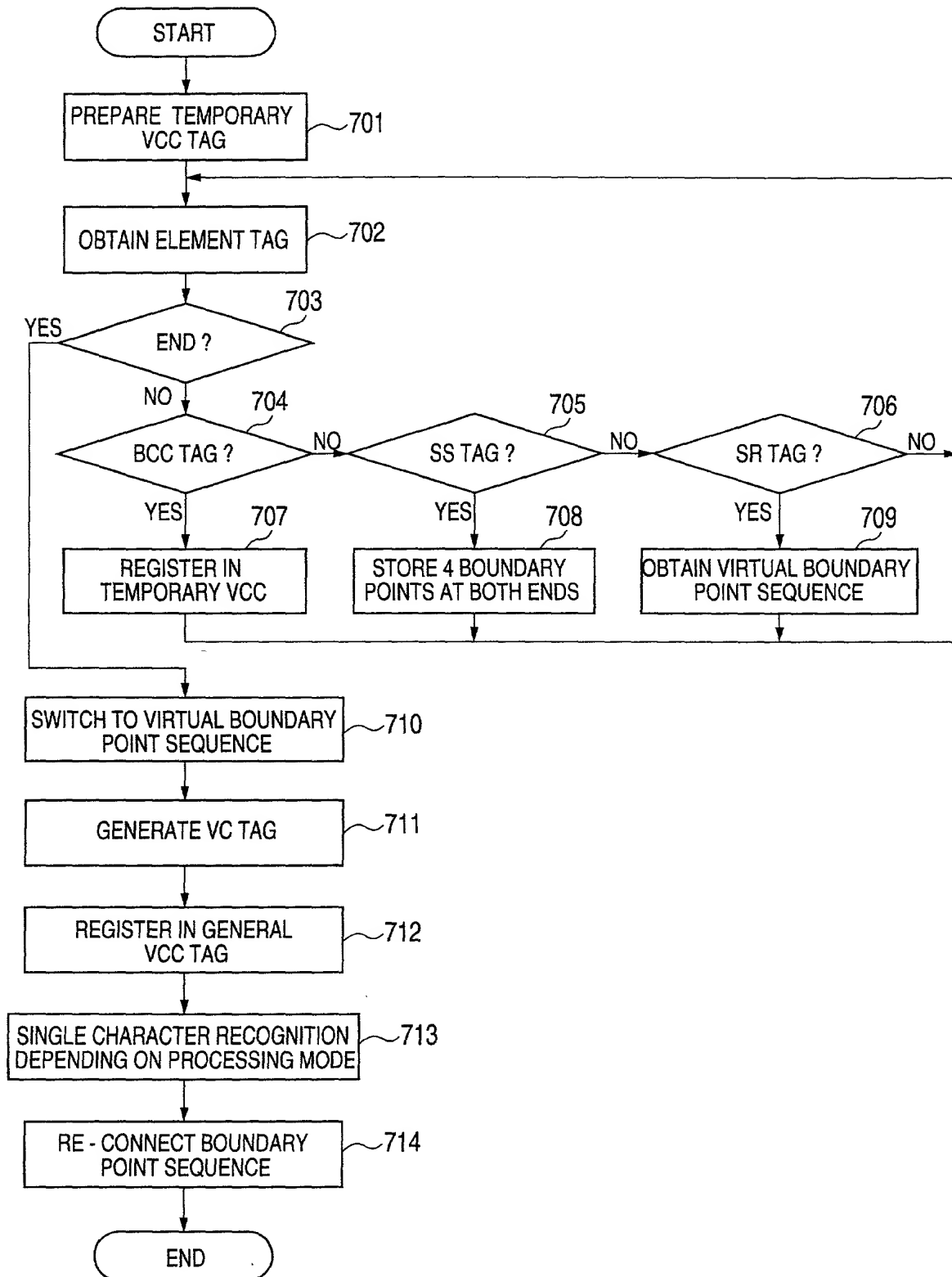


FIG. 12

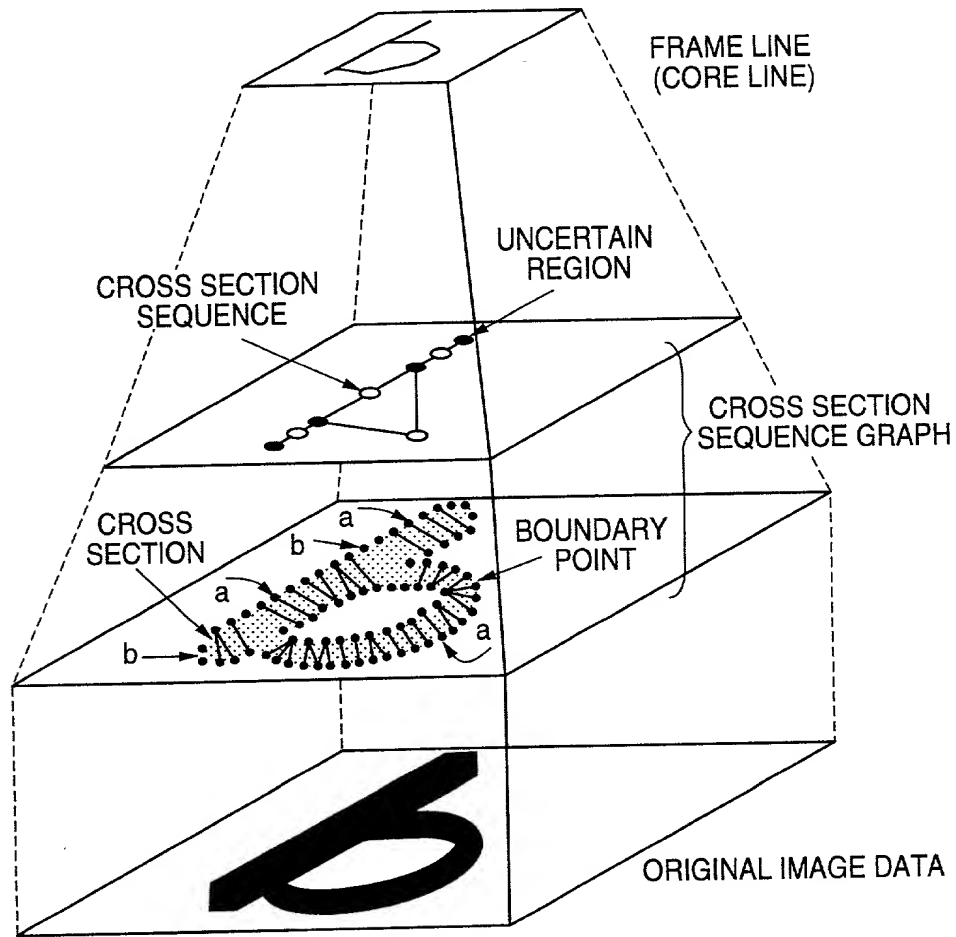
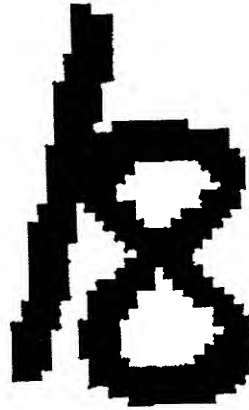
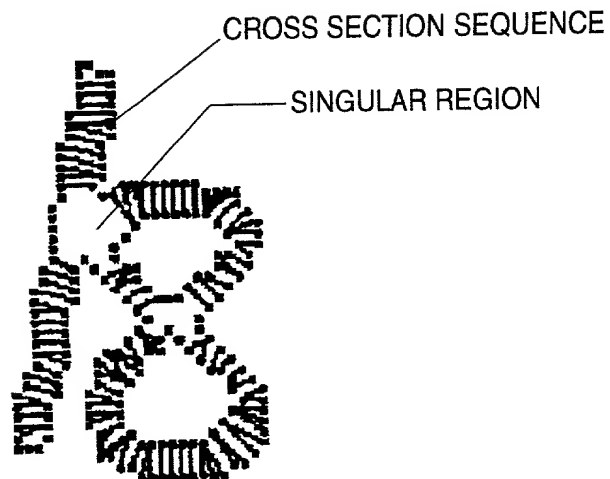


FIG. 13



CHARACTER STRING IMAGE

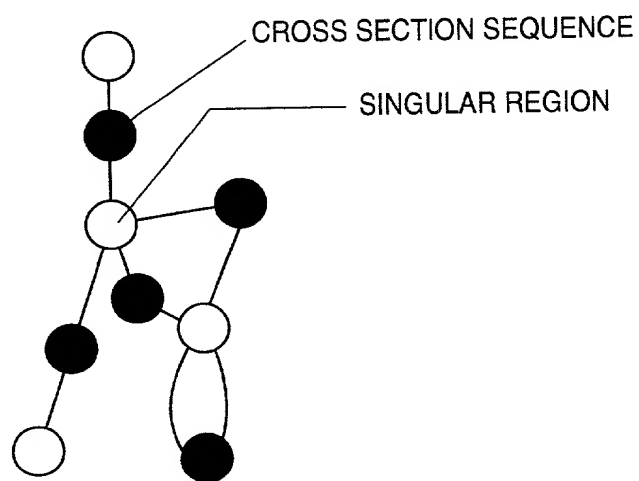
FIG. 14



BOUNDARY POINT & CROSS SECTION

CROSS SECTION SEQUENCE GRAPH

FIG. 15



CROSS SECTION SEQUENCE & SINGULAR REGION

CROSS SECTION SEQUENCE GRAPH

FIG. 16

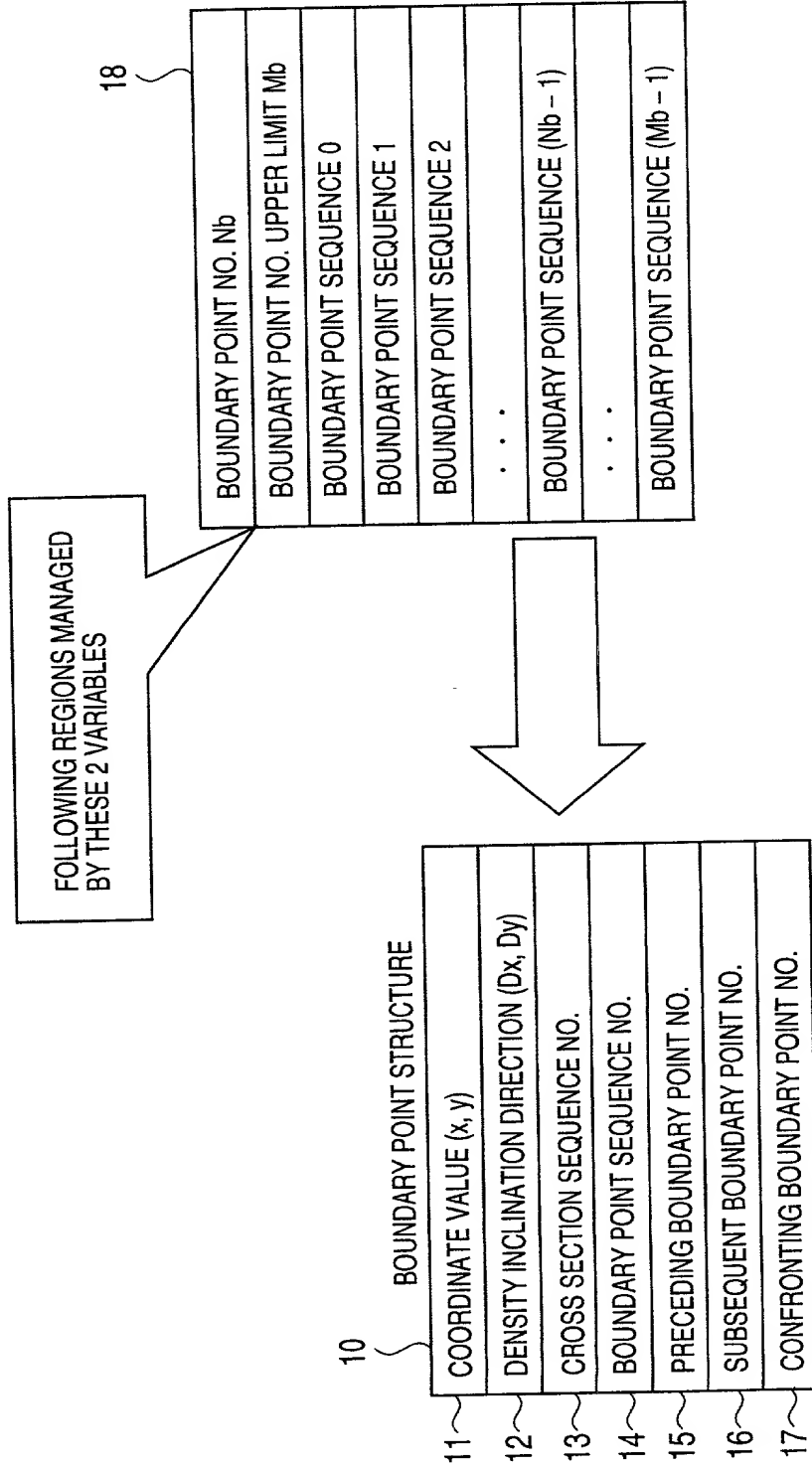


FIG. 17

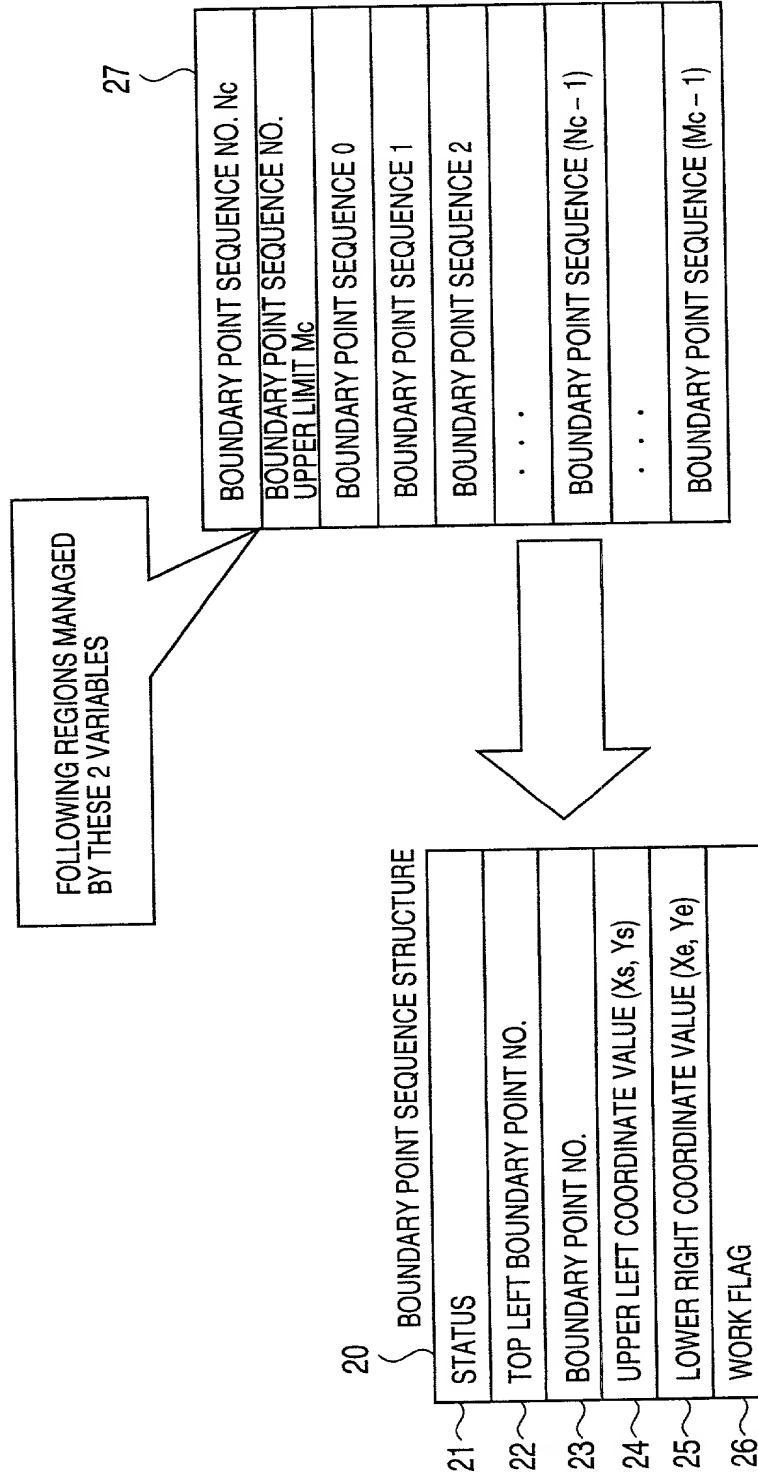


FIG. 18

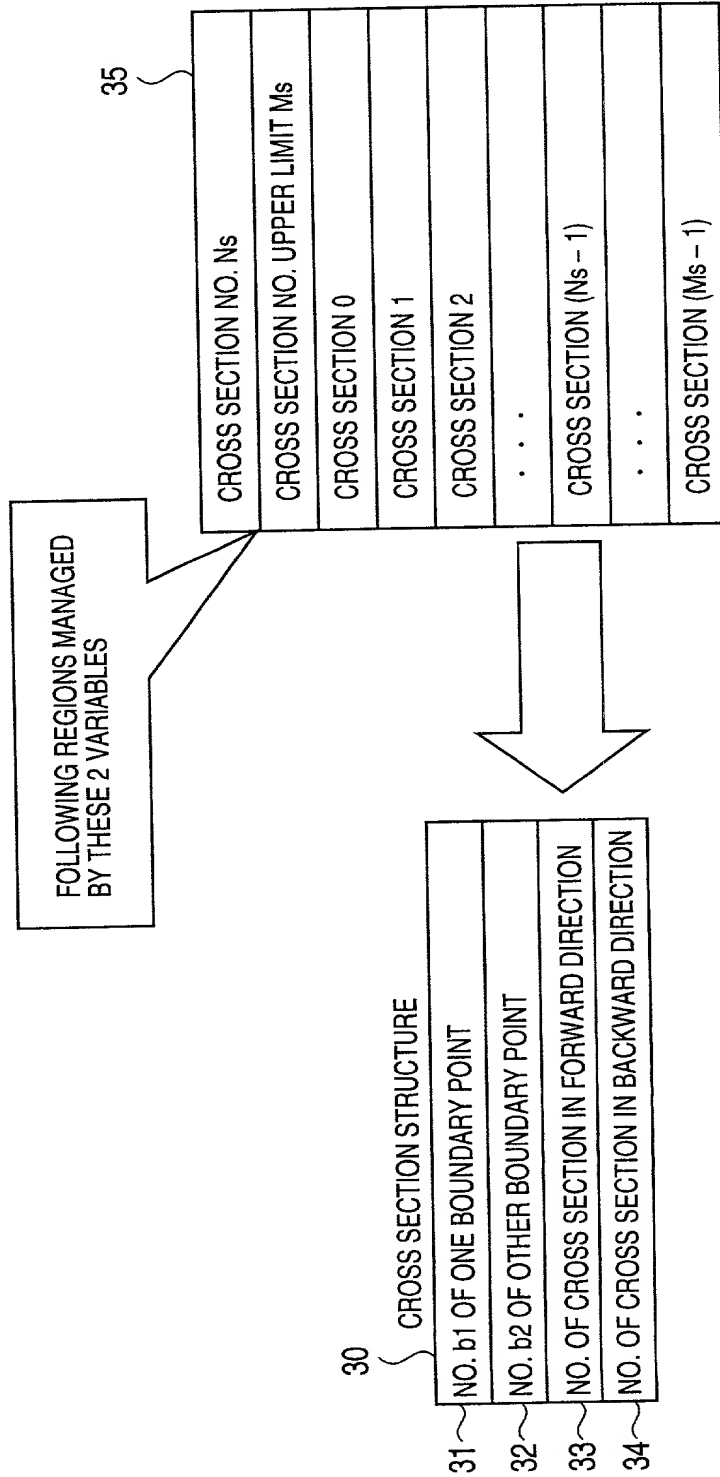


FIG. 19

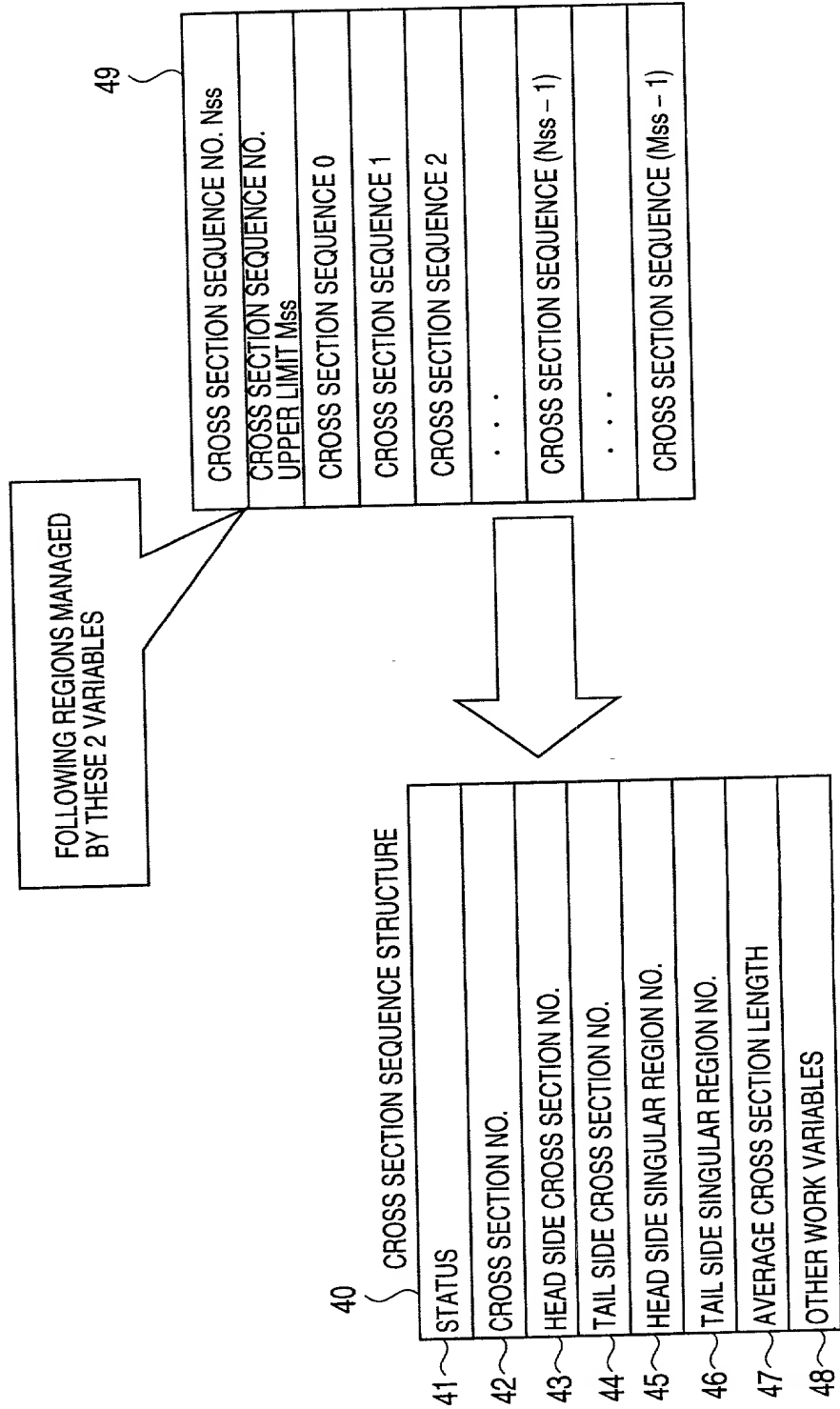


FIG. 20

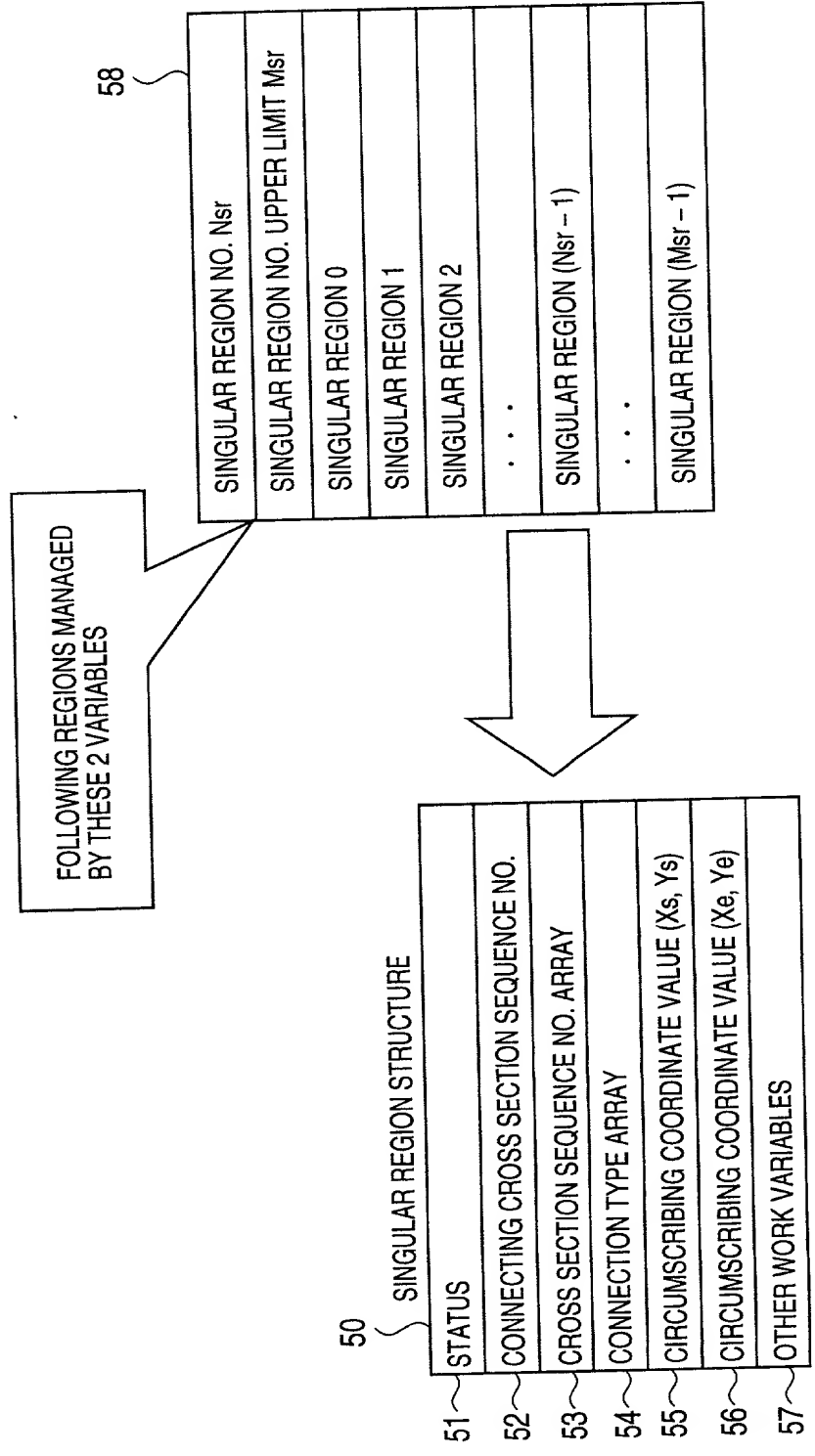


FIG. 21

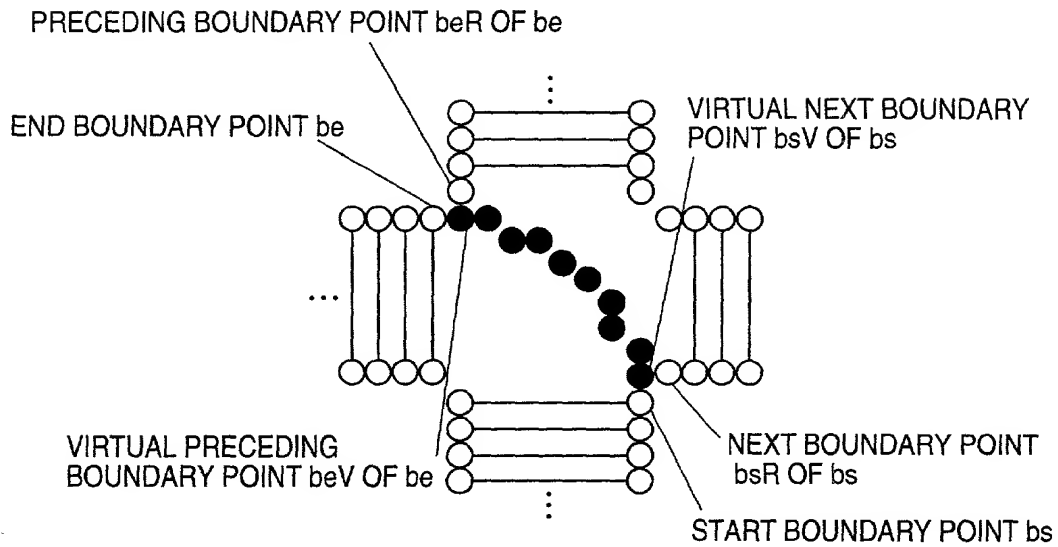


FIG. 22

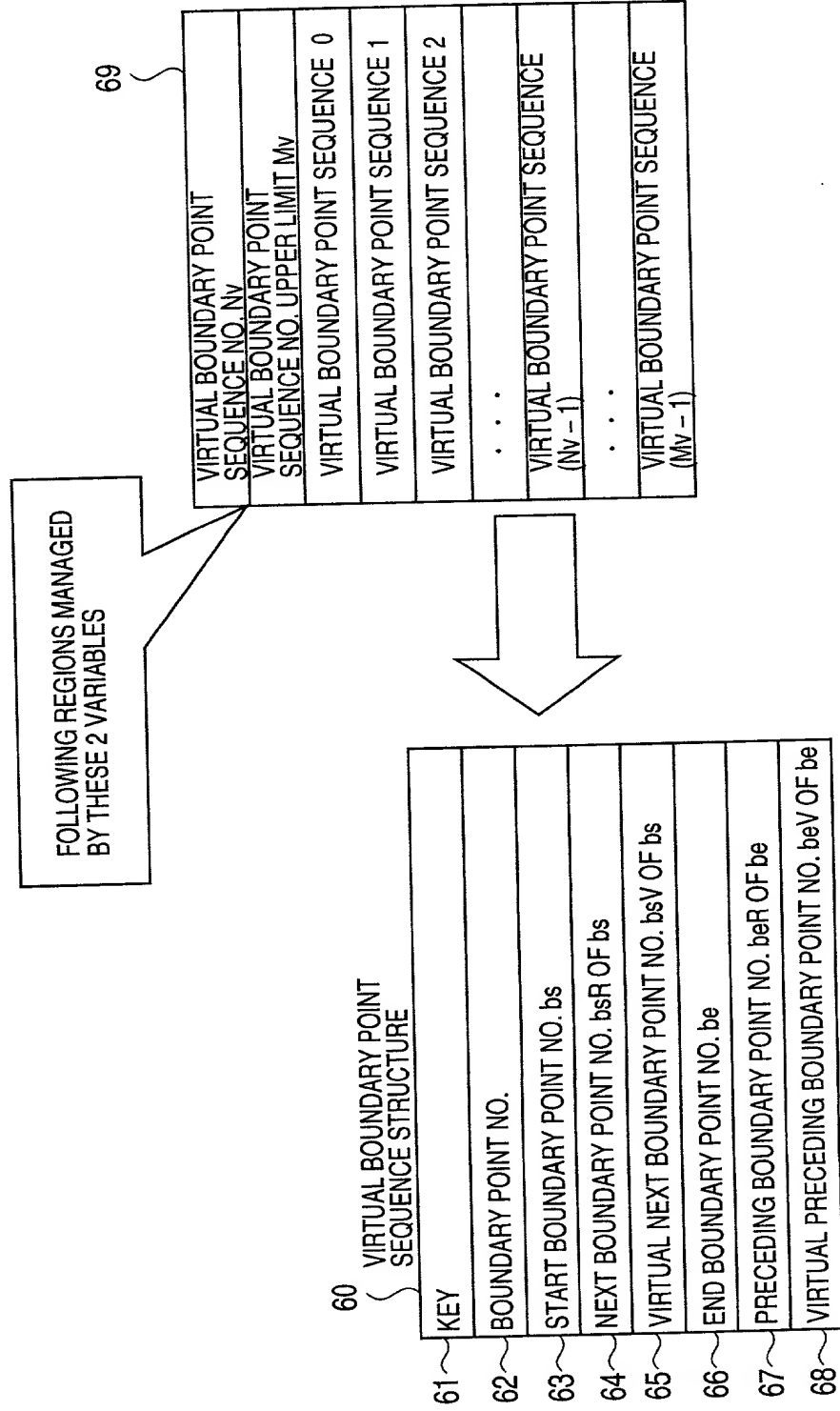


FIG. 23

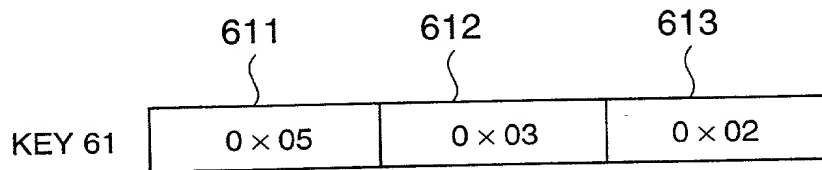


FIG. 24

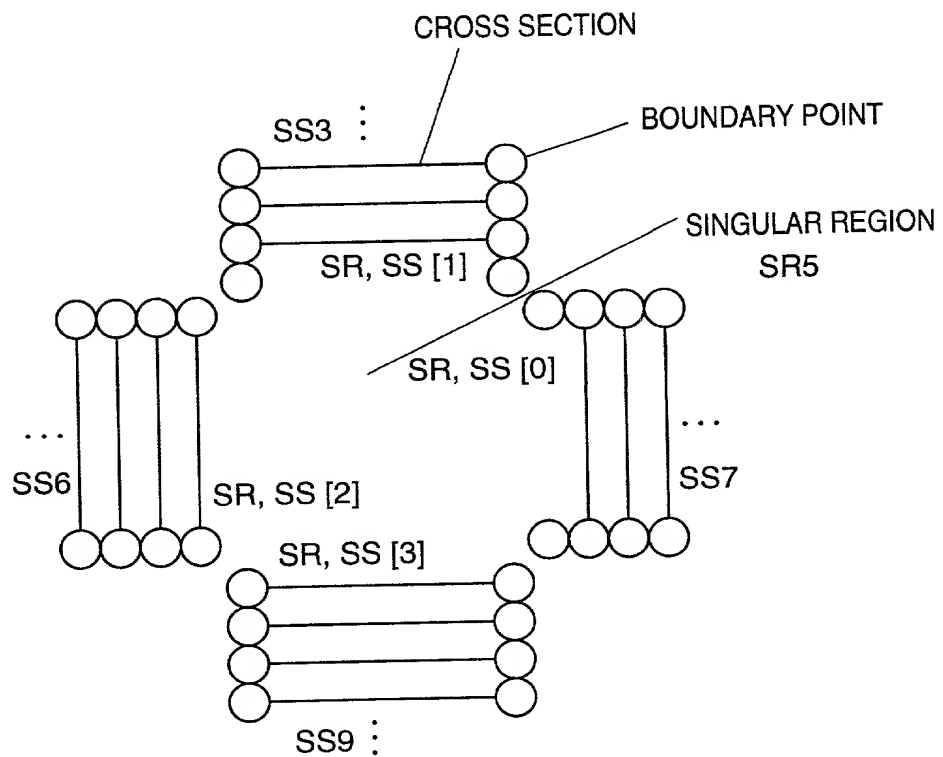


FIG. 25

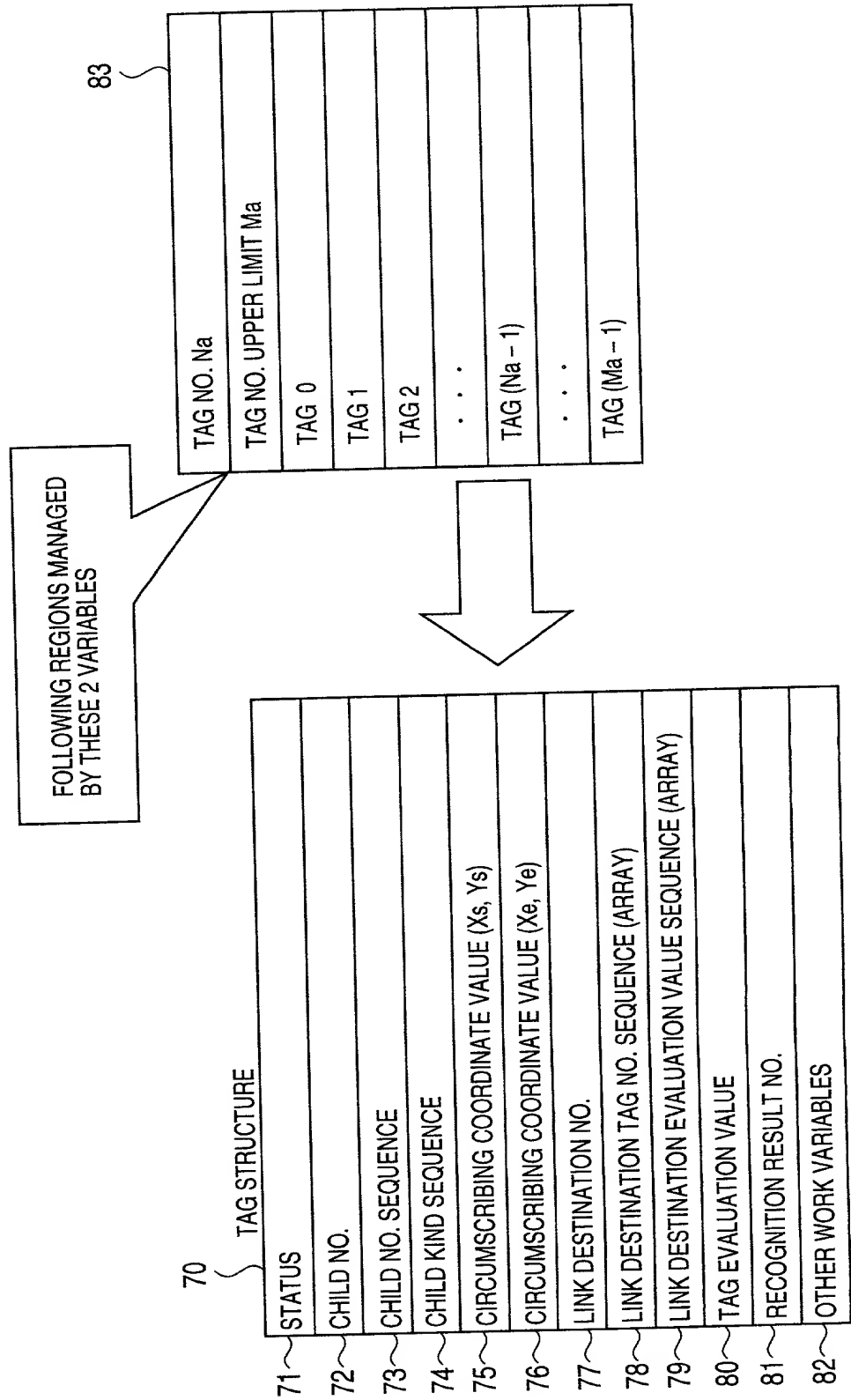


FIG. 26

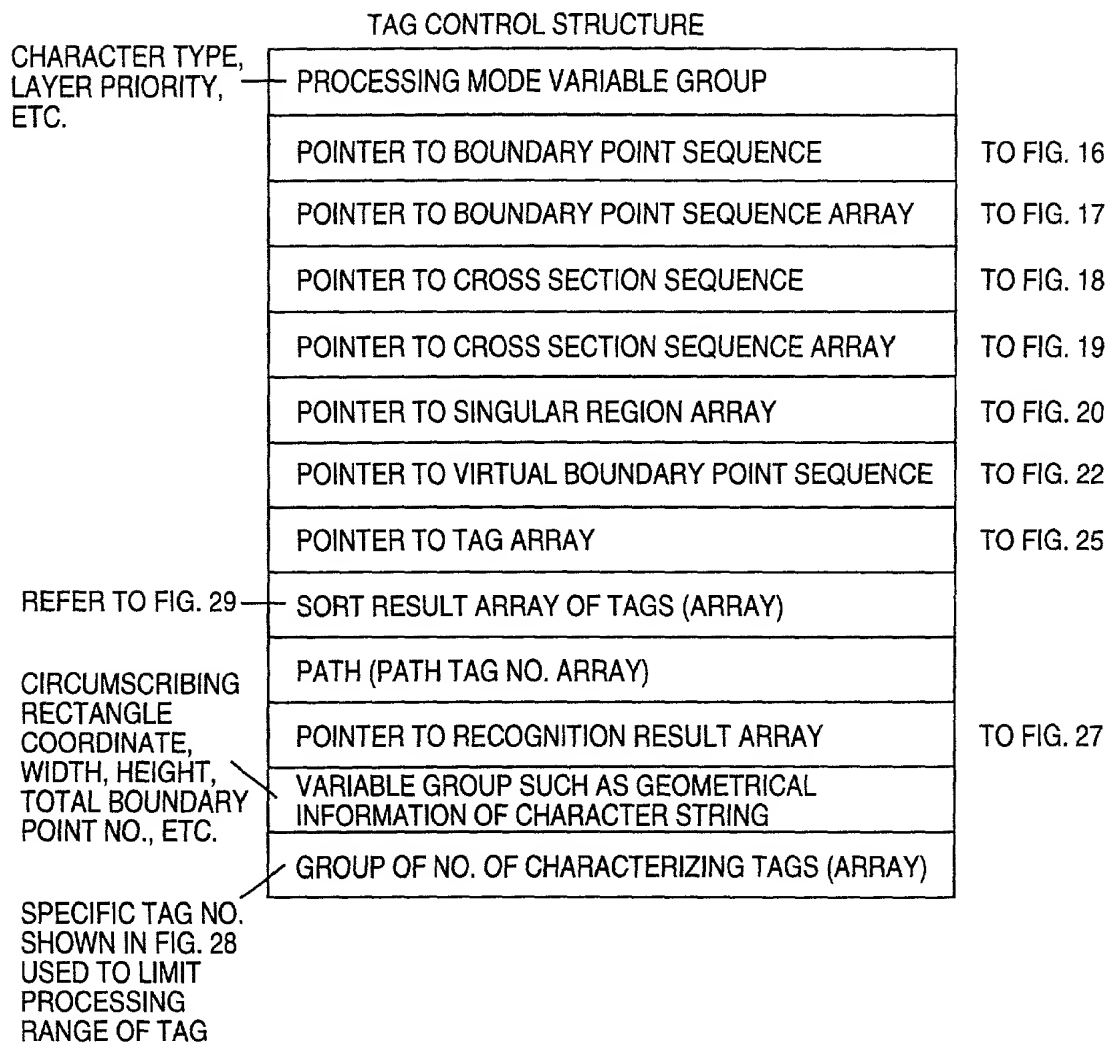


FIG. 27

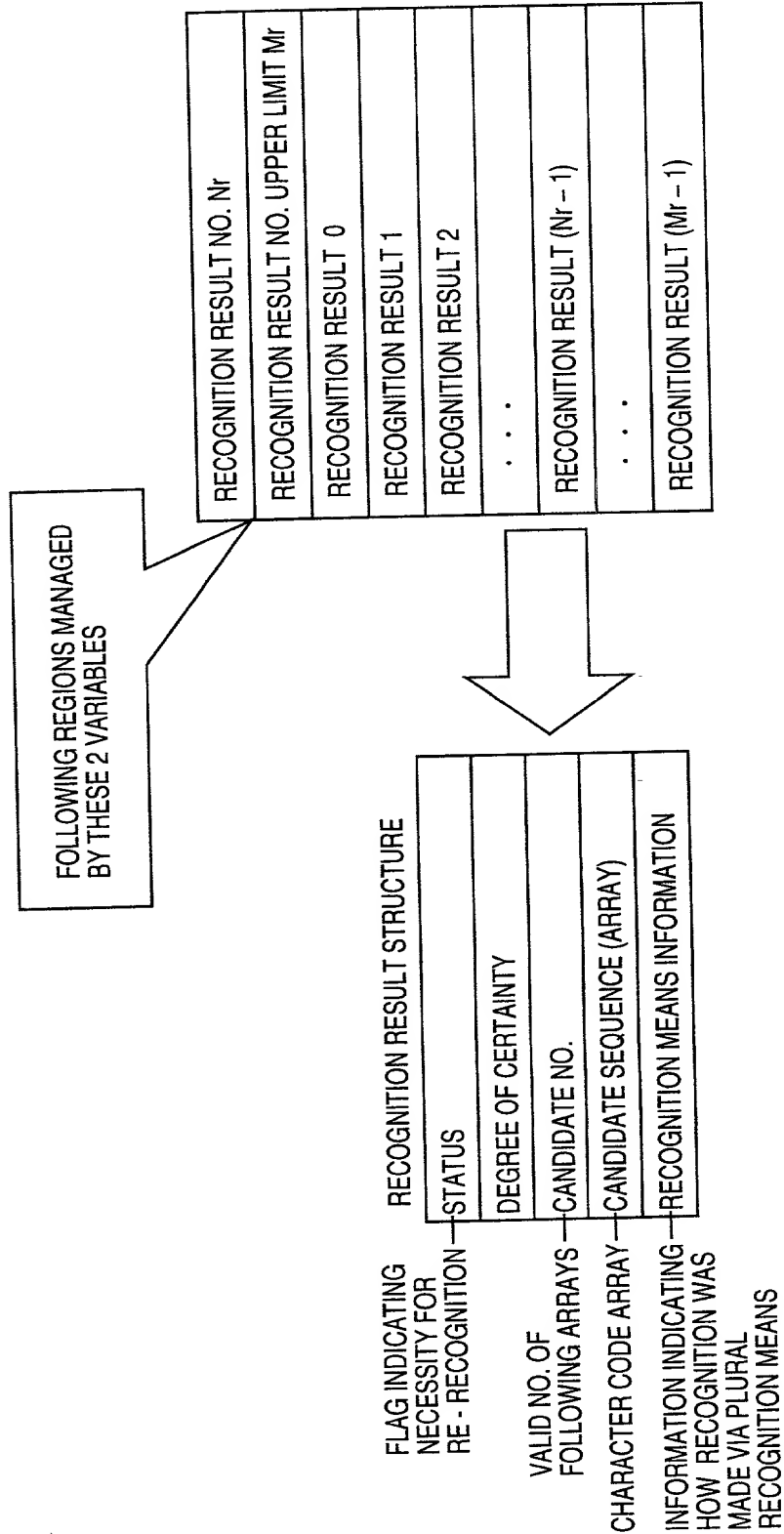


FIG. 28

BCC : NORMAL BCC TAG

SS : SS TAG

SR : SR TAG

R : ROUTE TAG (KIND OF VS TAG)

VS : VS TAG

E : END TAG (KIND OF VS TAG)

VCC : VCC TAG

VC : BCC TAG PARTIALLY REPLACED BY VIRTUAL BOUNDARY POINT SEQUENCE

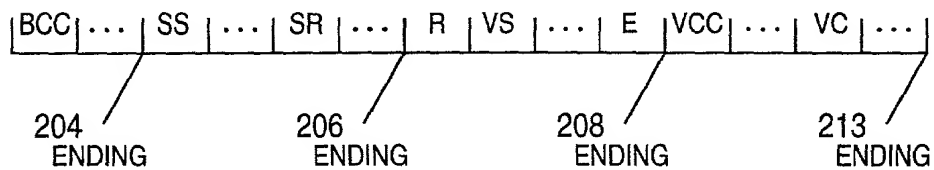


FIG. 29

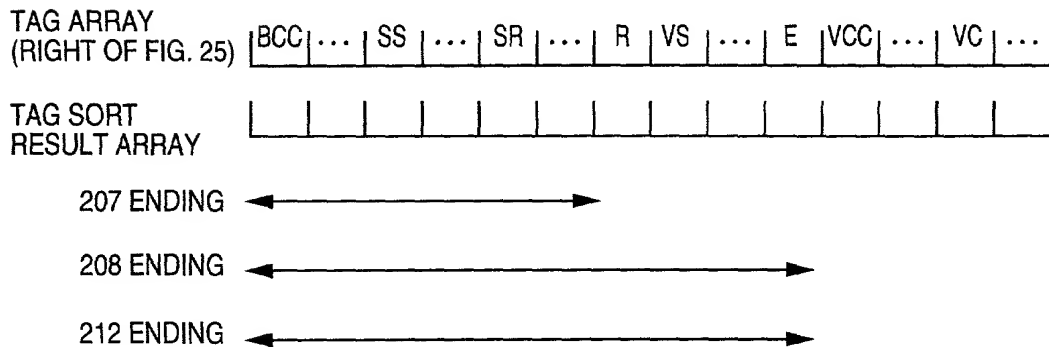


FIG. 30

50 2

IMAGE DATA

FIG. 31

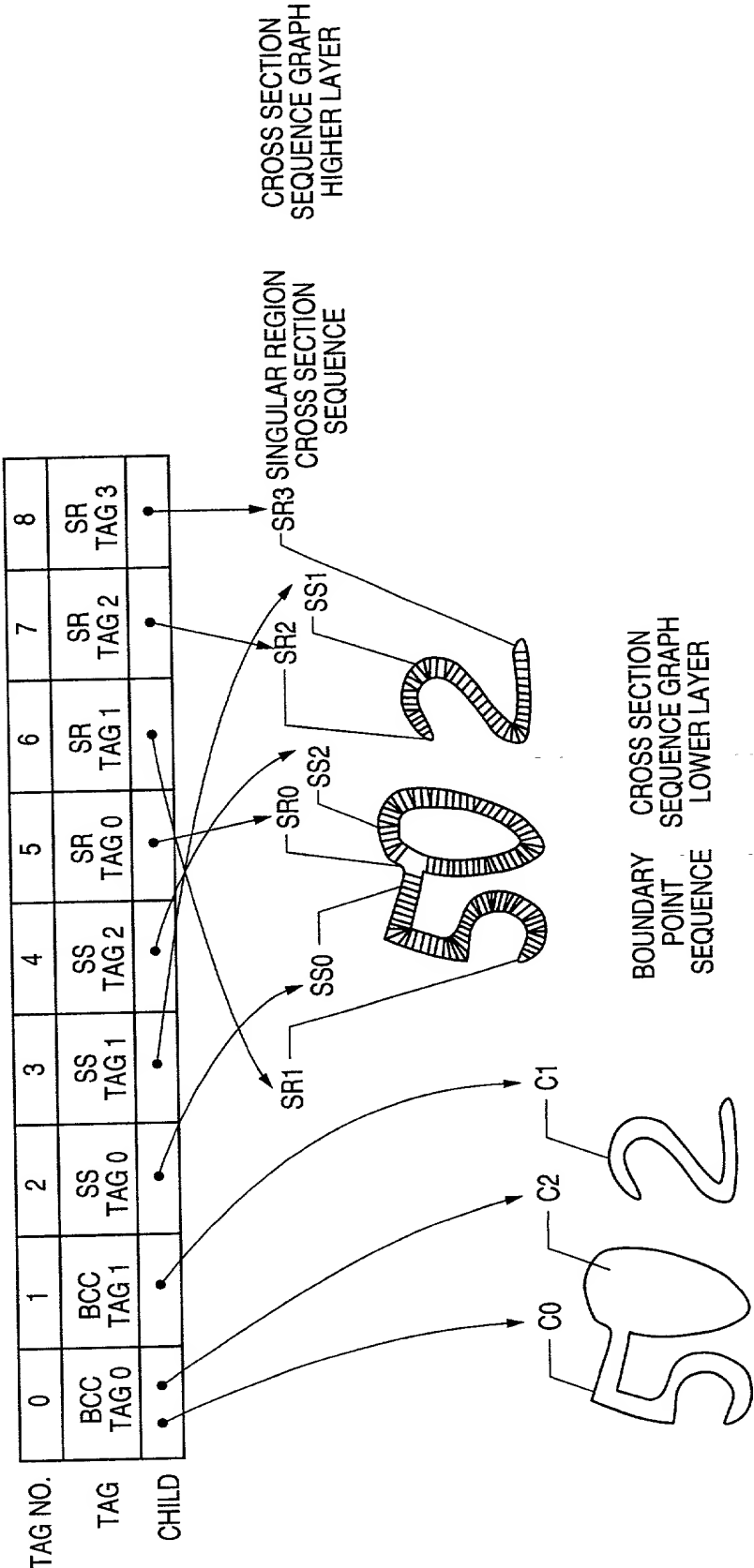


FIG. 32

TAG NO.

SORT ARRAY	6	2	0	5	4	7	3	1	8
------------	---	---	---	---	---	---	---	---	---

FIG. 33

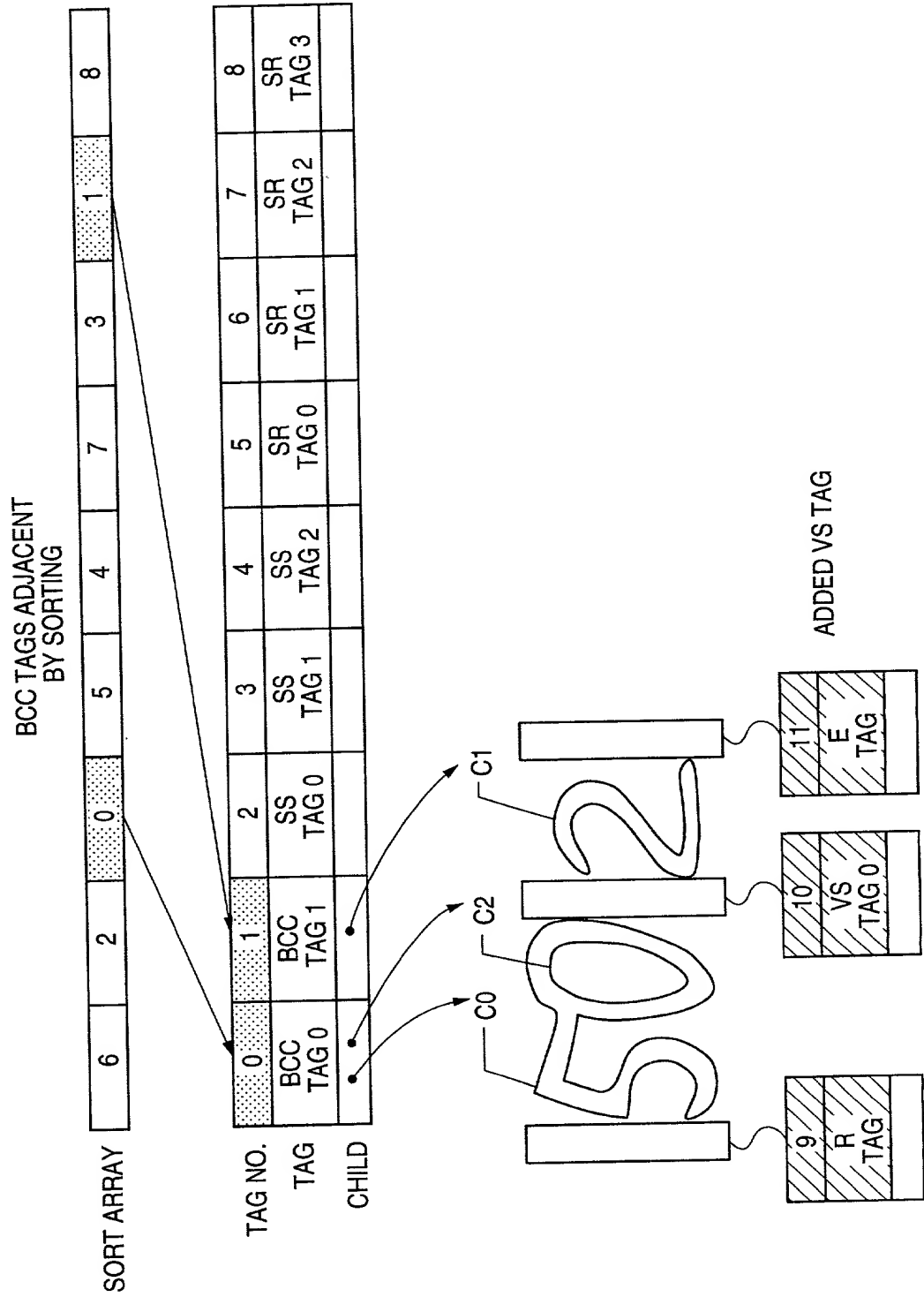
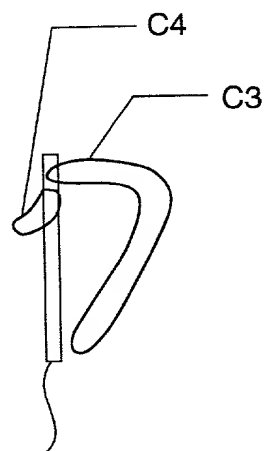


FIG. 34



NEGATIVE BLANK

FIG. 35

SORT RESULT INCLUDING VS TAG

SORT ARRAY	9	6	2	0	5	4	10	7	3	1	8	11

TAG NO.	0	1	2	3	4	5	6	7	8	9	10	11
TAG	BCC TAG 0	BCC TAG 1	SS TAG 0	SS TAG 1	SS TAG 2	SR TAG 0	SR TAG 1	SR TAG 2	SR TAG 3	R TAG	VS TAG 0	E TAG
CHILD												

ADDED
VS TAG

FIG. 36

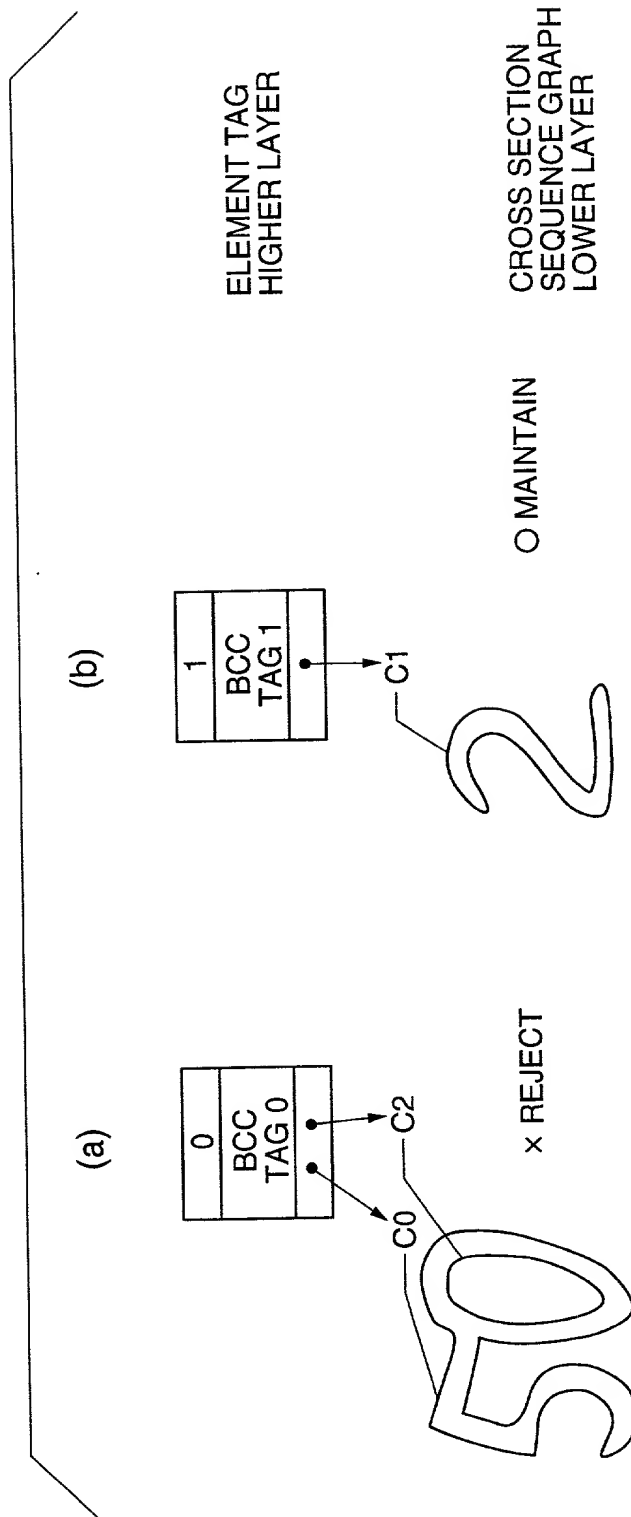


FIG. 37

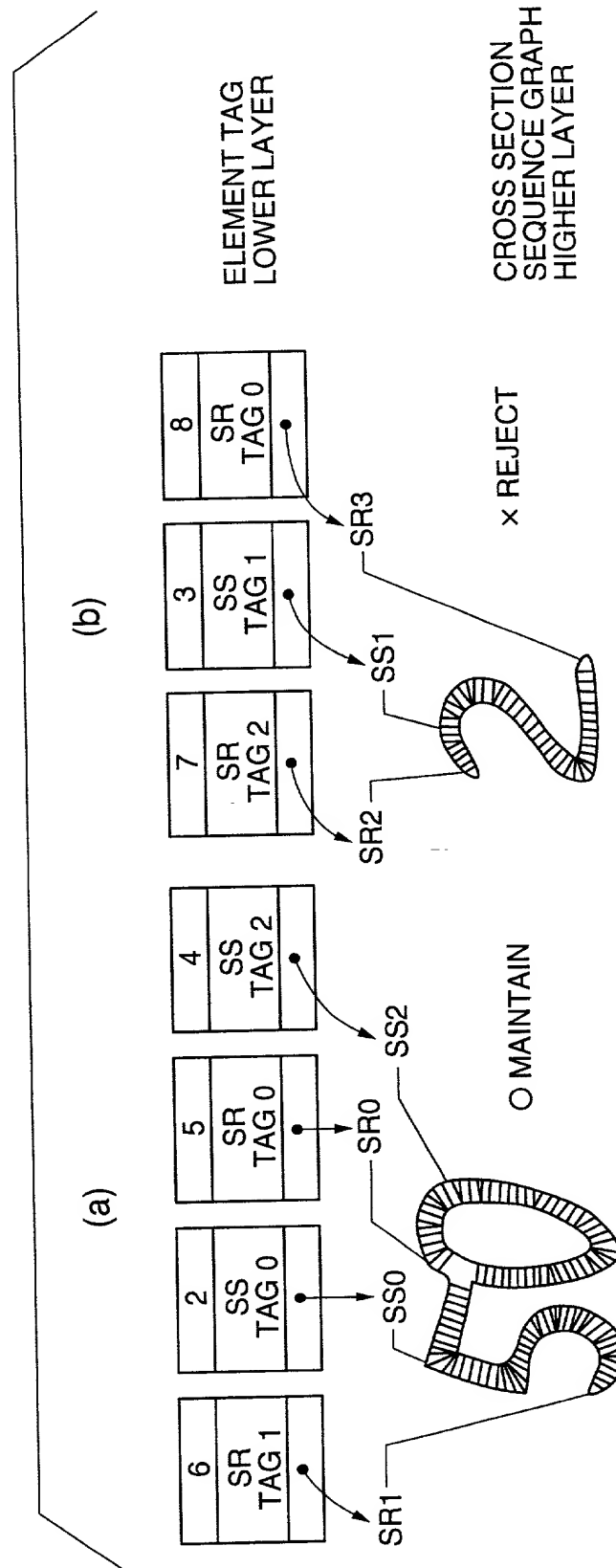


FIG. 39

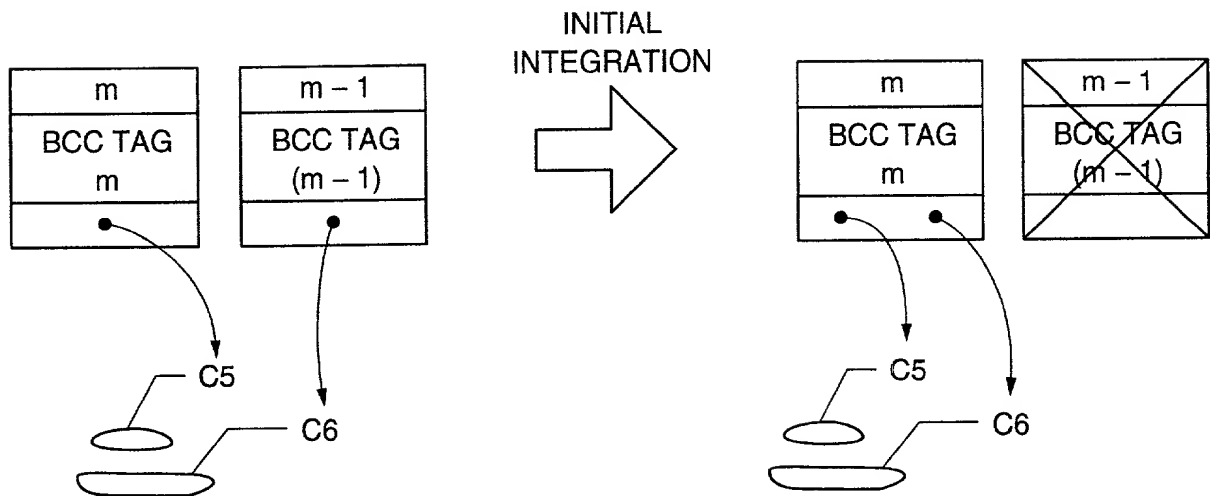


FIG. 40

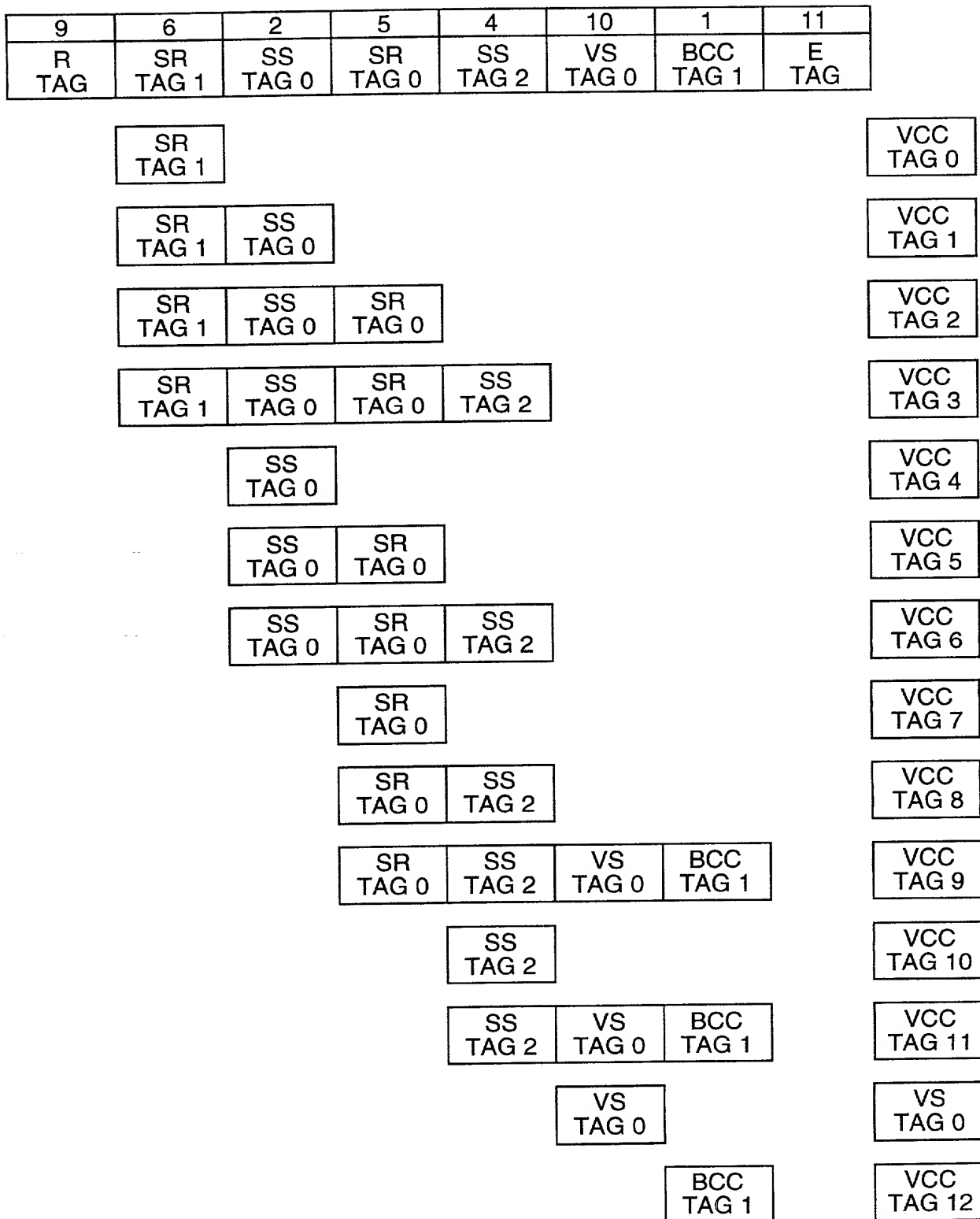


FIG. 41

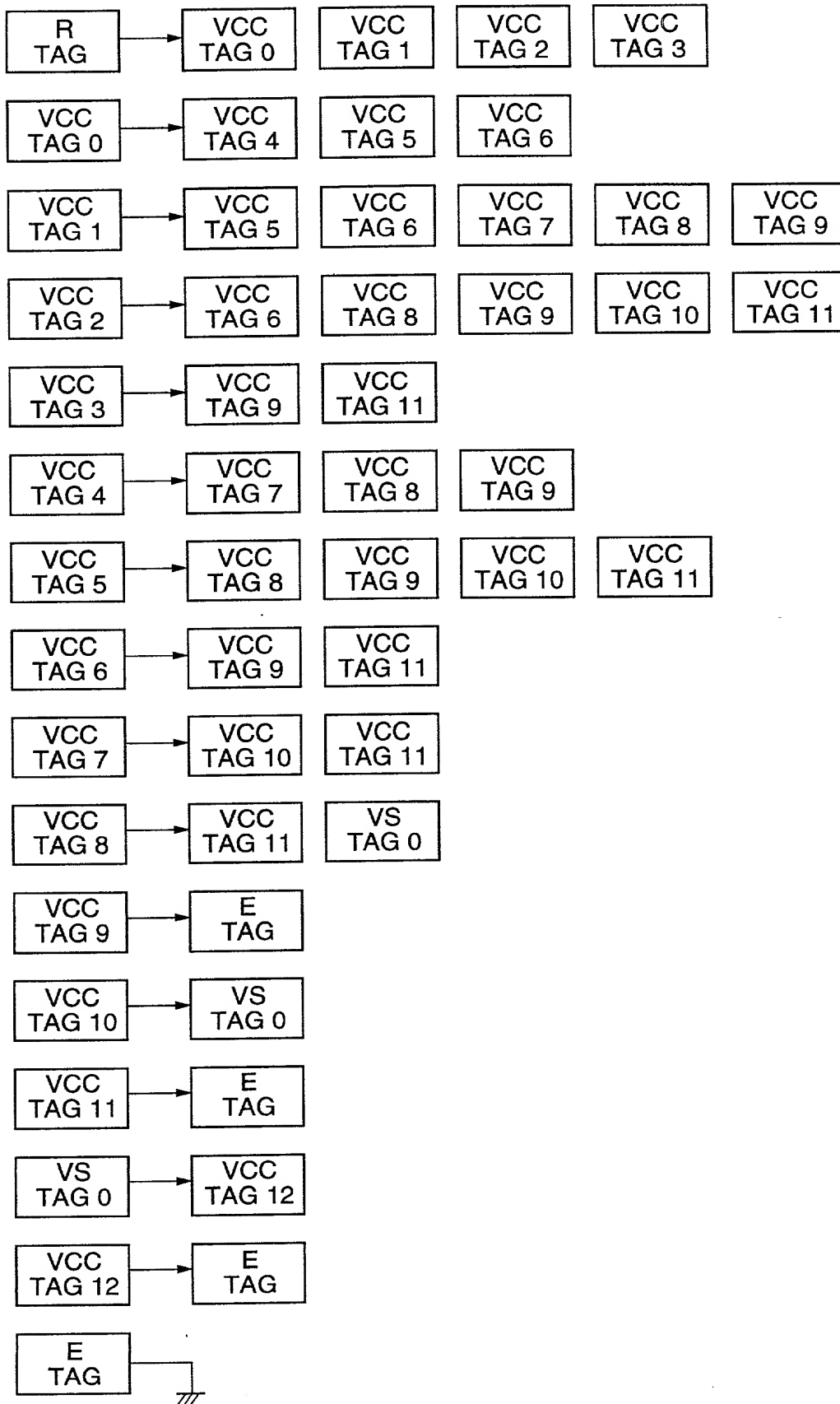


FIG. 42

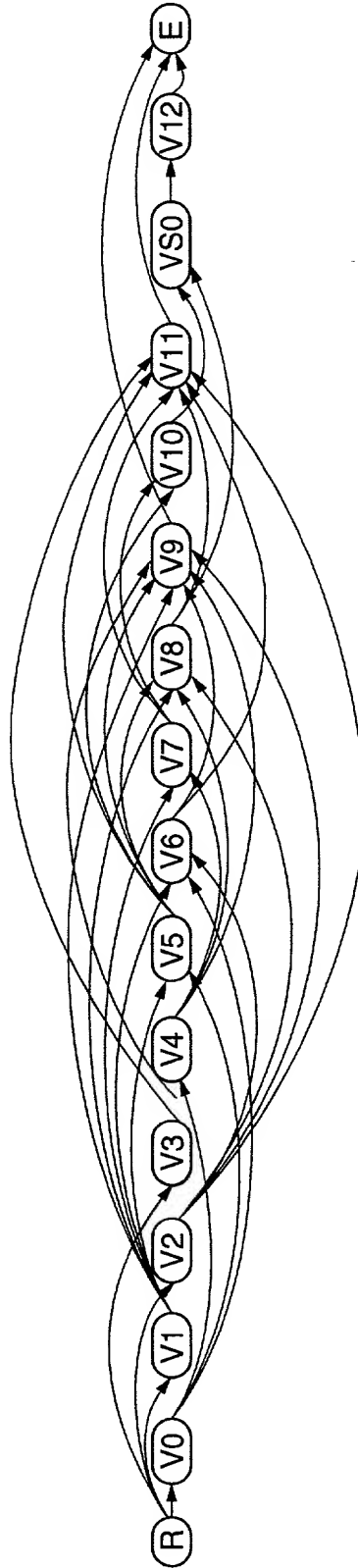


FIG. 43

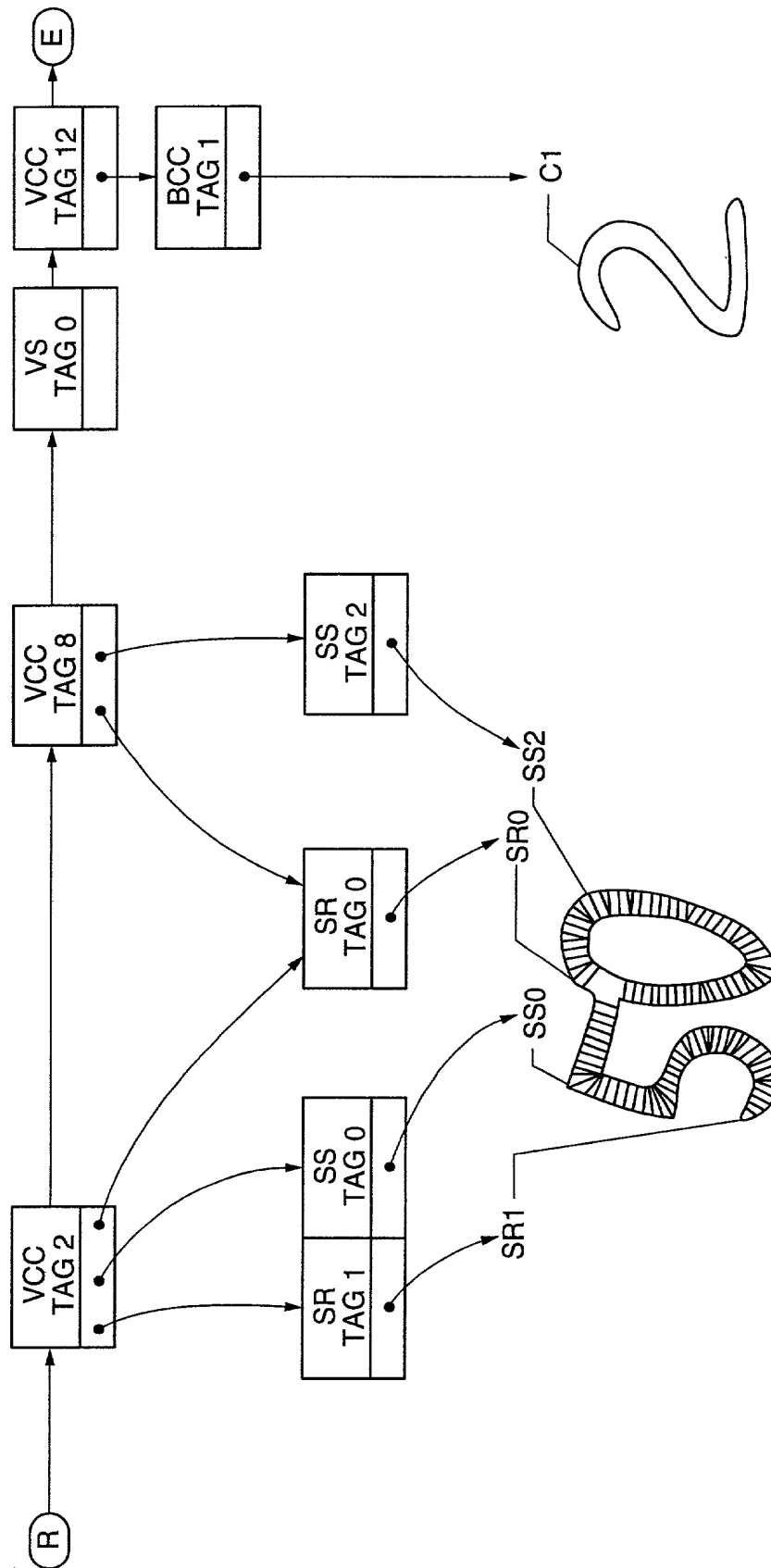


FIG. 44

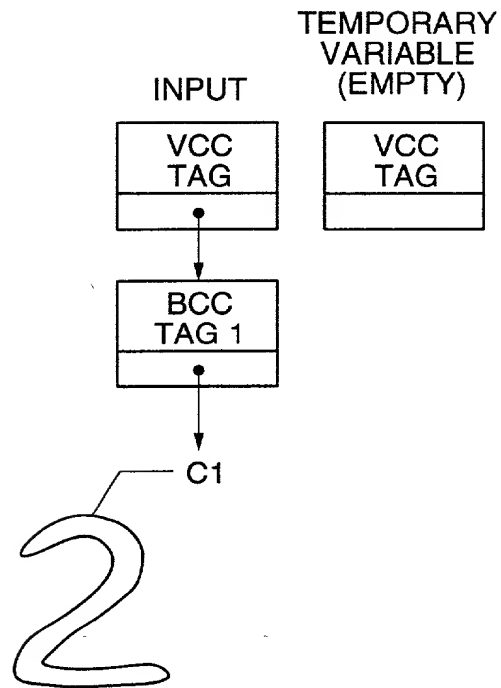


FIG. 45

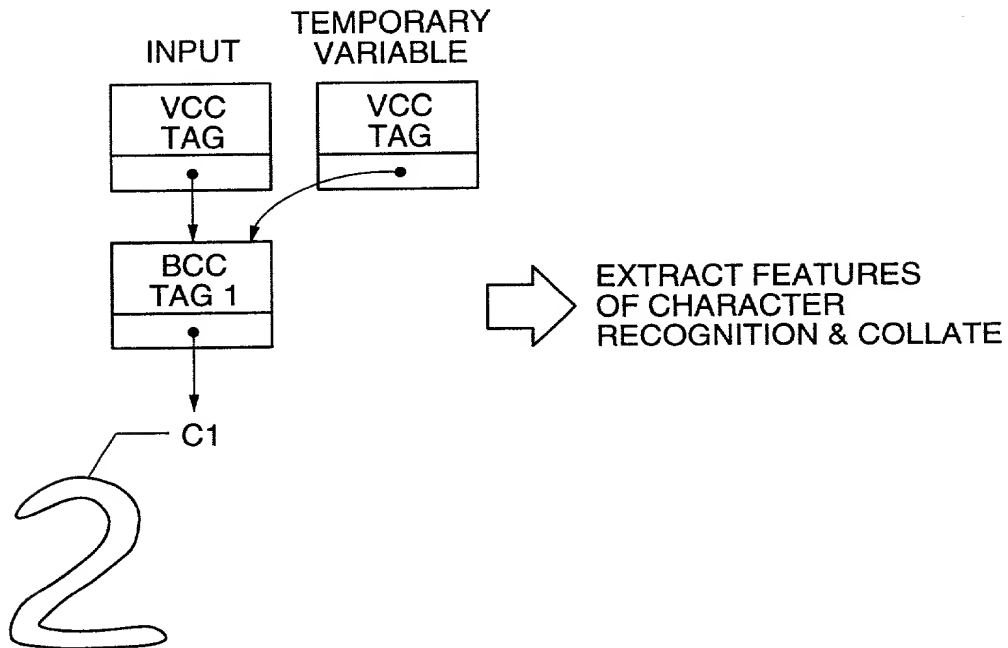


FIG. 46

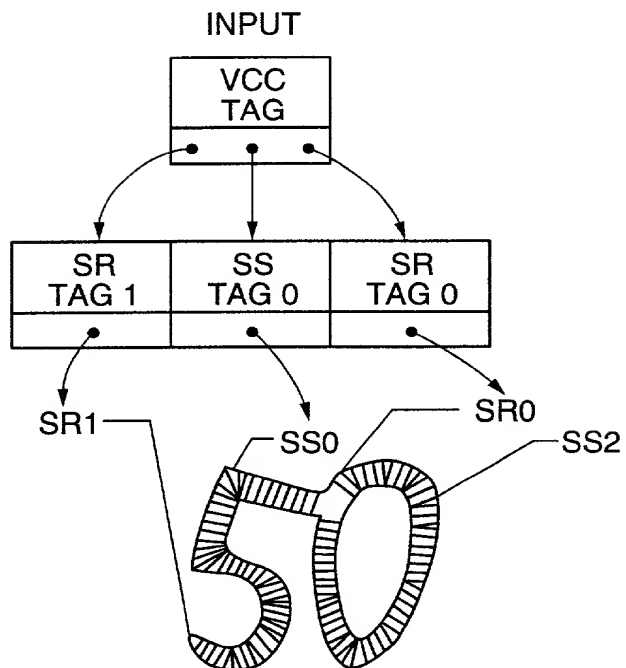


FIG. 47

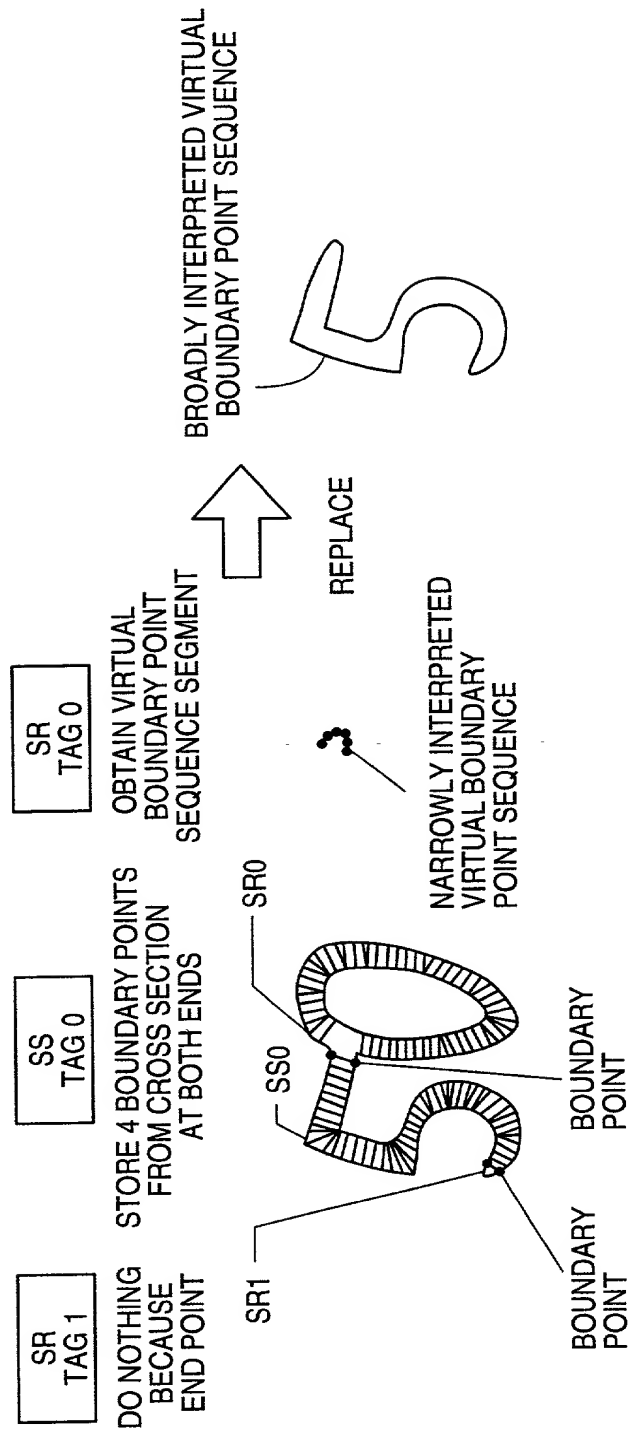
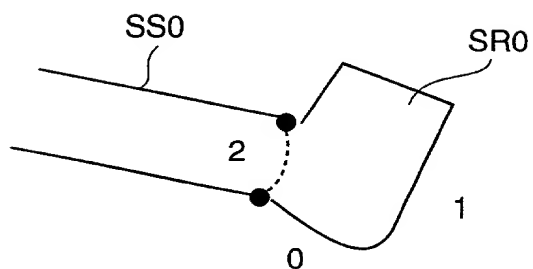


FIG. 48



KEY

SR0	START 2	END 2
-----	---------	-------

FIG. 49

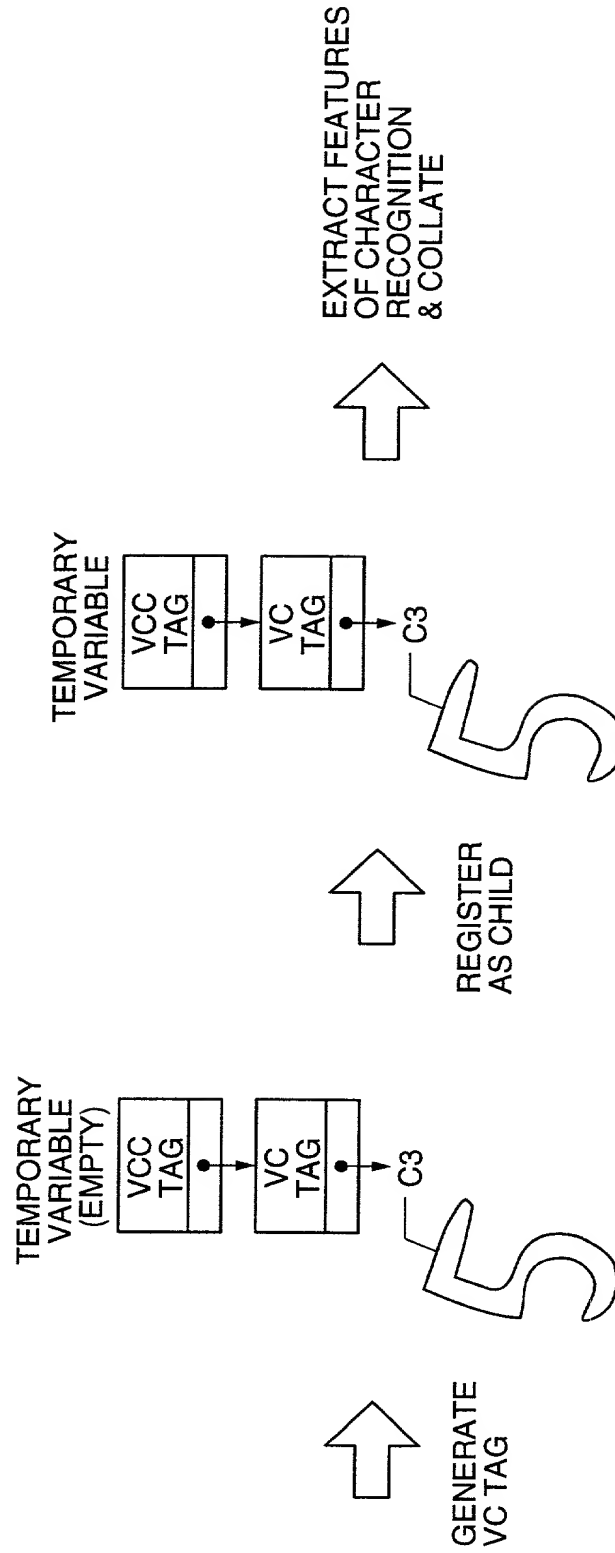
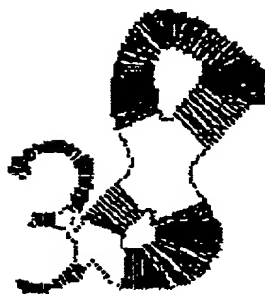


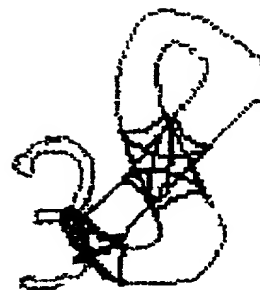
FIG. 50



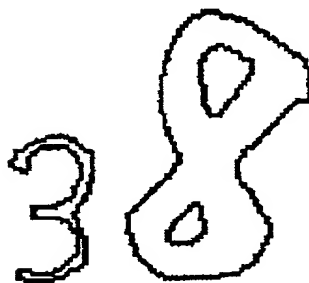
(a) IMAGE



(b) CROSS SECTION
SEQUENCE GRAPH



(c) VIRTUAL BOUNDARY
POINT SEQUENCE



(d) PROCESSED RESULT

04910055-0394
* 066200 * 99061060

FIG. 51

